HOLSTEIN-FRIESIAN WORLD

TRADE MARK REG.

VOL. XVI. No. 5.

COMBINING

Black and White Record

Published Every Week Price $1.00 Per Year

FEBRUARY 1, 1919

THE NORTH STAR HERD, OWNED BY W. S. MOSCRIP, MINNESOTA

Entered as second class matter December 10, 1918, at the Postoffice at Lacona, N. Y., under the Act of March 3, 1879.

He's The Best Individual

We Ever Owned

And Here's What His Dam Has Done

At 2 years 5 months 27 days—

Butter	19.64
Milk	412.00
Butter	72.24
Milk	1610.10
Butter	667.75
Milk	14053.20

At 3 years 6 months 3 days—

Butter	25.34
Milk	420.80
Butter	98.54
Milk	1820.60

She is now on year test and looks like making 1000-lb. butter as a 3-year-old.

HER DAM HAS OVER 32-LB. AND THE DAM OF HER SIRE HAS 35-LB.

King Mutual Korndyke 4th

Born April 28, 1918

This youngster is just the best individual we ever owned and that is saying a whole lot.

If you want to buy a bull that will double in value within a very short time, we say "Buy this fellow."

His sire is **King Mutual Korndyke,** the senior sire at the head of our herd and son of Finderne Mutual Fayne, the world champion two-year-old in long time work making over 1200 lb. butter from over 22,000 lb. milk and coming back the next year as a three-year-old made almost 37 lb. in 7 days. The sire of King Mutual Korndyke is King Pontiac Segis Korndyke, a son of King Segis De Kol Korndyke from one of the good daughters of Pietertje Hengerveld's Count De Kol.

His dam, Oakdale Lady De Kol Burke is one of the brightest prospects in our herd. She made splendid records for both seven and 365-day periods as a 2-year-old and promises something sensational as a three-year-old. Her sire is a son of Lady Concordia De Kol one of the handsomest cows of the breed with a record of 35.08 lb. butter from nearly 600 lb. milk.

The dam's dam is Sita Artis Burke, a daughter of De Kol Burke. As an eight-year-old Sita Artis Burke made 32.30-lb. butter from 603 lb. milk in 7 days and a thirty-day record of 130.17 lb. butter from 2624.8 lb. milk and when her daughters, now in our herd are fully matured we will show you she is one of the greatest foundation cows that ever lived.

No breeder in search of a high class sire can afford to pass this fellow. When you combine the blood of De Kol Burke with the greatest producing long time blood ever brought out you have a combination pretty hard to duplicate.
The price is lower now than it will be when his dam completes her year record.

Hargrove & Arnold Holstein Co. Norwalk, Iowa

Yes—He's a Son of O K L

But he is the only one we have to offer. He is a good individual, a little more black than white, born December 1, 1918.

His sire, Ormsby Korndyke Lad, now has six 30-lb. daughters, all under full age. And more are on the way.

The dam is a 19-lb. 4-year-old daughter of King Pontiac Carlotta by King of the Pontiacs from a 26-lb. cow. The second dam is a granddaughter of Hengerveld De Kol.

We want to move this fellow right quickly and before many weeks you will pay more than we are asking today.

Beaver Dam Farm Julius Schmid Owner **Montgomery, N. Y.**

When You Attend the Buffalo Sale

Be sure to look up our consignment of four high class females and a young bull sired by L H C Lord Alcartra from a 25.23-lb. dam and don't forget to come and see

POTENTATE

That marvelously bred young bull sired by a 33-lb. son of old Pontiac Korndyke from Leafy Veeman De Kol a 40.10-lb. daughter of Leafy Dawn De Kol 43.19-lb.

"He is all that his name implies."

E. P. & C. J. GEORGE **ARCADY FARM** **Chaffee, N. Y.**

IF you would buy a bull with thirty dams in his pedigree having records of 25-lb. to 40-lb. and averaging over 30-lb., we can offer you a choice of two such calves sired by the great King Joh from daughters of King Lyons.

MOYERDALE FARM

SYRACUSE, N. Y.

H. A. MOYER, Owner JAS. GILLETTE, Supt.

Pontiac
Aaggie
Korndyke

The Long Distance Pair

Friend
Hengerveld
De Kol
Butter Boy

Ten of Their Daughters

Have Produced in ONE YEAR

12,047 lb. Butter **234,443 lb. Milk**

IT'S THE AVERAGE THAT COUNTS

1204.7 lb. *Butter* **4.1%** **23443.7 lb.** *Milk*

No Other Herd Has Two Such Sires at Its Head

Meet Success Through a Maplecrest Bull—

Charts and Information for the Asking.

THE MAPLECREST STOCK FARM CO.

CHARDON, OHIO

Stop! Look and Listen

After the Liverpool Sale we are going to

The BRATTLEBORO SALE, 4th and 5th of Feb., 1919

We are sending four nice, straight young cows that are safe in calf to

King of the Rag Apples

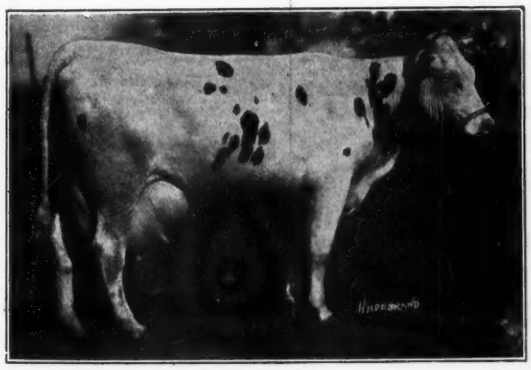
"The Greater Bull"

No. 215089

Come on Boys, the testing season is on in full swing and come to the Brattleboro Sale with the intention of buying these cows and send them back to be tested by

CHARLES E. COLE

The Greatest Developer of 40-lb. and World's Champions the World Has Ever Known



SUPERBA PALMYRA

RAG APPLE KORNDYKE 8th

The Sire and Dam of King of the Rag Apples

For further information write *Send for catalogue*

CRESCENT VALLEY FARM Granville, N. Y.

Yearly Production — Individuality

Breeders, do you realize what you are doing when you buy a young herd sire? Do you realize that individuality and production must be combined in order to produce the results we are all looking for?

You don't want a daughter of a high record bull that is a sloping, poor individual. Neither do you want a good individual that gives no milk.

Finderne Pride Johanna Rue, his dam

Come to Syracuse and see some of the bulls we are offering. And see their dams and grandams as well. It won't cost you anything to look at them. You know, when a man has something good, it is a satisfaction to him to have others appreciate it.

We have several sons of Finderne Pride Johanna Korndyke which are just what you want in color and individuality, and we can show you their dams and grandams.

ANTRIM FARMS

C. L. AMOS, Proprietor **Syracuse, N. Y.**

DUCHESS SKYLARK ORMSBY

The world's record for yearly butter production. Her figures are 1,506.34 lbs. butter from 27,761.07 lbs. milk. Her 7-day figures are 34.35 lbs. butter from 588.1 lbs. milk.

A Combination of Champions

Colantha Johanna Champion 45674

Son of Colantha 4th's Johanna

COLANTHA 4th's JOHANNA

Her butter records in all classes were world's records when made. Her figures are:

	But. lbs.	Mk. lbs.
7 days ...	35.21	651.70
30 days ..	138.54	2873.6
8m af. calv.	21.6	478.6
365 days	1257.	27,432.

Sir Ormsby Banostine Champion 166276

Son of Duchess Skylark Ormsby

WE BELIEVE in the yearly record, the official demonstration of year-in, year-out production. We have sought to get the best yearly record breeding of the world and there is no better combination than that of the first great World's Champion, COLANTHA 4th's JOHANNA, and the present world's Champion, DUCHESS SKYLARK ORMSBY. These two wonderful animals are the foundation cows from which we are building a great herd of yearly producers. And we have 22 cows which average 875.82 pounds of butter and 20,969.8 pounds of milk, all of which have made better than 600 pounds of fat in one year. COLANTHA JOHANNA CHAMPION now has 49 A. R. O. daughters; we have 53 of his daughters, 39 of them not yet in milk. They are being bred to SIR ORMSBY BANOSTINE CHAMPION, and as fast as they freshen they are put on official test for 365 days.

We offer bull calves of this great combination of breeding.

EMBLAGAARD DAIRY Marquette, Mich.

We Have Told You That We Were Going To Sell

and have said a little about the farms, service bulls, etc., but it has been and is still impossible to give you an adequate idea of the herd itself in two or three or a half dozen advertisements.

However here is a list of fifteen dams and thirty daughters all in the herd now.

Name	7 da. milk.	7 da. butter.	30 da. milk.	30 da. butter.	year milk.	year butter.	No. of dau.
Nancy Pledge Prin. 2nd	625.7	27.39	2606.	111.011	25456.1	1150.33	1
Mechthilde Heng. D. K. 2d's Pet	539.4	28.135	2258.	112.27	17073.	809.76	4
Masterpiece B. G. Sjoukje Jr., 2 yr.	419.4	19.935			18586.5	820.6	1
Masterpiece Queen D. K., 3 yr.	505.4	27.58	2396.7	107.068			1
Pauline Korn. Chang.	591.6	30.12	2484.9	121.8	22820.5	1105.89	2
Princess Natoye 2d	599.9	30.49	2395.4	125.4	15536.9	739. *	3
Albina Nancy Pledge, 2 y 2 d, 3 tet	418.	18.63	1716.3	73.7			3
Piet. Mantell Neth. 3d	478.2	26.262	2257.3	100.4	21515.1	967.42	3
Pride of Mable Roe	542.7	26.05					3
Beauty De Kol Patje 3d	609.3	28.29	2335.2	106.65			2
Lyons Mutual Brighton	715.3	32.131	2926.2	115.895			3
S.F.K.P. 6th Boneta Reinkje, Jr. 2y	521.1	24.86	2168.	98.88	18058.3	807.5	1
S. F. K. P. 6th Pledge, Jr., 2 yr	493.6	24.38	2041.2	99.639	18285.3	779.2	1
S. F. K. P. 6th Maid, 2 yr	452.	22.201	2030.8	91.243			1
S. F. K. P. 6th Patje, Jr., 2 yr	412.5	21.61	2025.4	89.53	o	o	1

* 305 day record 3-yrs-old. o Now on year test will have over 18000 milk and 800 butter.

This is by no means the only forty-five good ones in the herd. Not in this list are at least two who are from dams that are present holders of the state record in their respective classes, several daughters of former world's champions, etc., etc.

There are in the herd three 30 lb. three year olds and several other 30 lb. cows, numerous 20 lb. two-year-olds, twenty or more animals with good long time S. O. records.

There are in the herd fourteen daughters of 30 lb. cows, forty from dams above 25 lb., ten from other dams with 20 lb. or better two year old records and thirty odd daughters of dams with good years or ten months record.

This herd today has a better average class of cattle than ever before in its history. It is a breeders herd rather than a dealers herd, only about a dozen females under five years old but what were bred by us.

Only eight in the herd that are seven years old or older. Sixty daughters of Spring Farm King Pontiac 6th and twenty-four of his granddaughters. And prudent owners of the younger generation of sires freshen up on the 6th, before they say "The only" in referring to the work of their bulls daughters.

COME AND SEE THEM FOR YOURSELF.

(Est. 1876) **Henry Stevens & Son** **(150 Head)**

LACONA, N. Y.

Still Putting Degree in Pedigree.

His Dam

Beauty Girl Pontiac Segis

His Grandsire

His Grandam

A Champion Among Champions

You can't get away from the merit represented by the young bull here offered for sale. He stands for the best in the development of the Holstein breed. He ranks at the top for long time as well as short time work—for milk as well as butter—for individuality as well as production.

SIR PONTIAC SEGIS ORMSBY

SON OF

Sir Ormsby Hengerveld Korndyke and Beauty Girl Pontiac Segis

His sire is in service in our herd and we are looking for some wonderful records for his daughters out of daughters of King Segis Pontiac Count. He is the youngest son of Pietertje Maid Ormsby (35.56 lbs.) former world's champion and regarded by many as the greatest foundation cow of the breed. He is thus a maternal brother (from the same dam) to SIR PIETERTJE ORMSBY MERCEDES, the great sire of individuality and long distance production—sire of 2 40-lb. daughters and seven 1000-lb. daughters. The sire is Sir Korndyke Hengerveld De Kol, a great transmitting son of Hengerveld De Kol from a daughter of Pontiac Korndyke. There is little lacking in this pedigree.

BEAUTY GIRL PONTIAC SEGIS, the dam of the young bull offered, is one of the best known producers of the breed.

Here is a brief summary of her achievements—all under full age:

World's record junior 2-year-old, 7-30-60-90 days.

World's record junior 3-year-old, 7-30-365 days, combined milk and butter.

World's record heifer 7 days, 3 lactation periods under full age.

Highest record daughter of King Segis Pontiac Count in 7-day test.

HERE ARE HER RECORDS

	Butter.	Milk.
At 2 years 0 months—		
7 days	28.56	513.3
30 days	116.69	2098.9
60 days	218.35	4041.9
90 days	305.13	5935.1
At 3 years 3 months—		
7 days	37.16	713.5
30 days	136.17	2620.0
365 days	1112.91	24924.7

[illegible] after 14 days because of some infection in the udder, which we did not want to take any chances with. She has come through very nicely and we have great confidence in her ultimate ability to cross the 40-lb. mark.

BEAUTY GIRL PONTIAC SEGIS, as stated above, is the highest record daughter of King Segis Pontiac Count in the 7-day division and the highest record daughter of her age in long time test. In this connection it is well to remember the following facts about

Please mention the Holstein-Friesian World when writing to our advertisers

90 days	305.13	5935.1
At 3 years 3 months—		
7 days	37.16	713.5
30 days	136.17	2830.0
305 days	1112.81	24924.7

after 14 days bearing of some infection in the udder, which we did not want to take any chances with. She has come through very nicely and we have great confidence in her ultimate ability to cross the 40-lb. mark.

BEAUTY GIRL PONTIAC SEGIS, as stated above, is the highest record daughter of King Segis Pontiac Count in the 7-day division and the highest record daughter of her age in long time test. In this connection it is well to remember the following facts about

KING SEGIS PONTIAC COUNT

His daughters hold today more world's records in the regular prize divisions for milk and butter than the daughters of any two other sires of the breed.

His first daughters have broken over 100 world's records.

He has been the greatest money winning sire of the breed for the past two years.

His daughters last year won more first prizes than the daughters of any other sire have ever won in a single year.

His daughters as a whole stand absolutely in a class by themselves for milk and butter and in both long and short time test.

Authorities tell us that dams transmit through their sons and sires through their daughters, therefore

Is There Any Better Way to Get the Benefit

of the matchless prepotency of King Segis Pontiac Count than through a son of his best daughter?

We believe Sir Pontiac Segis Ormsby is

One of the Most Worthy Youngsters of the Breed

We believe that with the proper opportunity he will make a fortune for the man who buys him.

He represents everything that successful breeders today are calling for.

Many bulls of much less real merit have sold for larger sums than the price we have set on him.

Send for his pedigree and further details of a bull that would immediately put your herd in the front rank and give you a license to produce champions in your own herd. Act before it is too late.

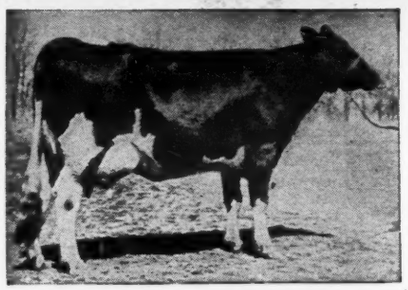
Address

ARDEN FARMS, Inc.

"The largest tuberculosis-free accredited herd of any breed."

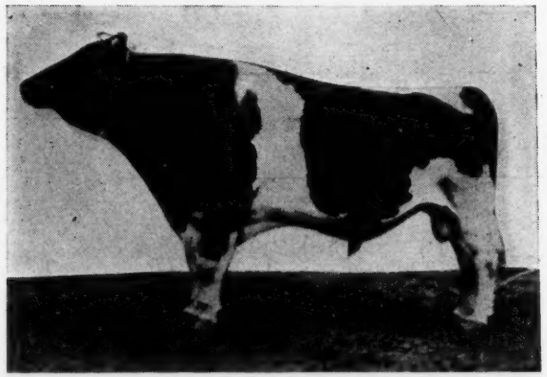
J. M. HACKNEY, Prop. **St. Paul, Minn.**

His Grandam



Pietertje Maid Ormsby

His Sire's Brother



Sir Pietertje Ormsby Mercedes

DO YOU HAVE A SON OF

You know something of the splendid work the DAUGHTER records the heifers sired by our senior sire, "THE GREATES know what the SONS of RAG APPLE KORNDYKE 8th a

Study this list of A. R. O. GRANDDAUGHTERS, heifers sired by SONS of this great transmitting sire:

Name of heifer	Age	Lb. Milk.	Lb. Butter.
Georgie Pontiac 2d	2½y	636.2	23.56
Rag Apple Korndyke Boon Maid	28m	379.0	23.25
R. A. K. C. Duplex	28m	419.3	20.78
Rag Apple Korndyke Boon Parana	24m	342.1	20.53
Rag Apple Korndyke Boon Aaggie	25m	354.5	20.26
Rag Apple Korndyke Boon Lotta	34m	419.2	20.25

Now remember, only a few of the granddaughters of RAG APPLE KORNDYKE 8TH are as yet old enough to test, so that this great showing is all the more remarkable. The wonderful milk record of Georgie Pontiac 2d is the THIRD highest ever made by a heifer in her class.

PINE GROVE

Straight as a gunbarrel and handsome as a picture by an old master is Superba Rag Apple Pontiac Lad, purchased by correspondence by Ruprecht Bros., Massillon, Iowa. This dandy son of Rag Apple Korndyke 8th and the 21.93 lb. four-year-old Daphne Pontiac Lass is bound to make a corking sire. His five tested dams average 30.28 lb. butter, he traces five times to Pontiac Korndyke and has five 30 lb. cows among his ancestors.

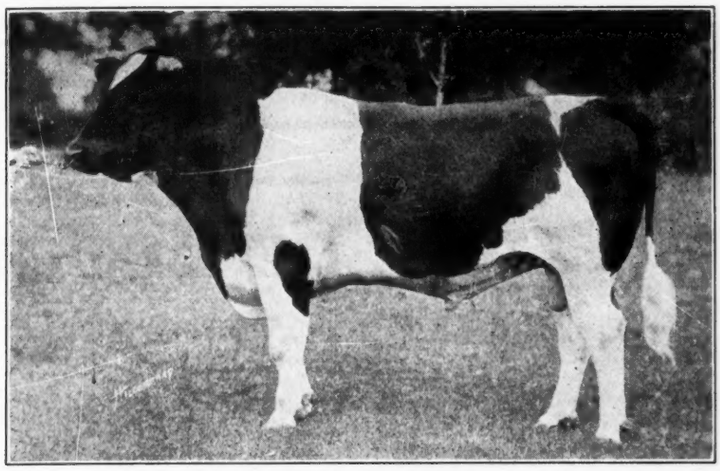
Did you notice the wonderful showing Pine Grove cows and heifers made in Supt. Gardner's 4th Report? Of the seven classes, no less than FIVE were headed by Pine Grove animals, four of the records being made in this herd. The junior three-year-old class was led by Superba Palmyra, the world record daughter of our former herd sire, King Segis Pontiac Columbo while the class for junior two year olds was headed by Albina Josie 2d, daughter of Rag Apple Korndyke 8th.

Oliver Cabana, Jr. **PINE GR**

RAG APPLE KORNDYKE 8TH?

RAG APPLE KORNDYKE 8th are doing, of the wonderful ULL IN THE WORLD," are making in official test. Do you ing as Sires, of their wonderful showing?

Rag Apple Korndyke 8th



"The Greatest Bull in the World"

Why Not Place a Son of Rag Apple Korndyke 8th at the Head of Your Herd?

Here is a splendidly bred one. He is by this great sire and from the 19.58-lb. junior three-year-old, Thrinka Pontiac Abbekerk De Kol. Her dam is a 20-lb. cow and also has a 33-lb. daughter. The dam's sire is by Tidy Abbekerk Prince and is full brother to a 30-lb. heifer. He is nicely marked, is a dandy and priced real cheap.

M-O-O-S

Your readers will remember that recently we shipped the grand young bull, King Ormsby Jane, to G. A. Willson, Silver Springs, Md. We received a note from him saying "The bull, King Ormsby Jane, arrived today in good shape. Am very much pleased with him." This son of Albina Josie King is one of the handsomest bulls ever shipped from Pine Grove Farms. He will make good.

Rag Apple the Great's first crop of calves are now coming. They are fine, growthy beauties, straight as can be, largely white and so far, 80% heifers. We could do with a few more bull calves as many breeders are asking for them, but we realize what such a large percentage of heifers will mean, later on, to a young sire. Those who secure the sons of "The World Wonder Bull" now will profit by the official work of his daughters later on. It is the man who looks ahead that gets ahead.

E FARMS **Elma, N. Y.**

Two More 1000-lb. Cows

LENA DE KOL 3d

Butter 1178.49
Milk 26768.80

CADDY MUTUAL DE KOL

Butter 1128.79
Milk 24449.10

Our Ten Best Records Average:

Butter 1107.4
Milk 25957.5

Our Twenty Best Records Average:

Butter 987.23
Milk 24017.00

CLEVELAND CITY FARM

WARRENSVILLE, OHIO

L. H. MOULTON, Farm Supt. **H. L. STARKEY,** Charge of Cattle

I Want A Real Bull

He must be a Show Bull.
He must be absolutely perfect.
He must be from a Real Cow.
This **does not** mean she must have 40-lbs.
Just a Real Bull—by a worth while sire from a Real Mother.

His Six Nearest Dams Must All Have Above 700 Lbs. Milk

Don't annoy me unless you can show me such a sire (I don't care much about the age.)

When Such a Bull Is Brought to My Attention I Am Ready to Buy

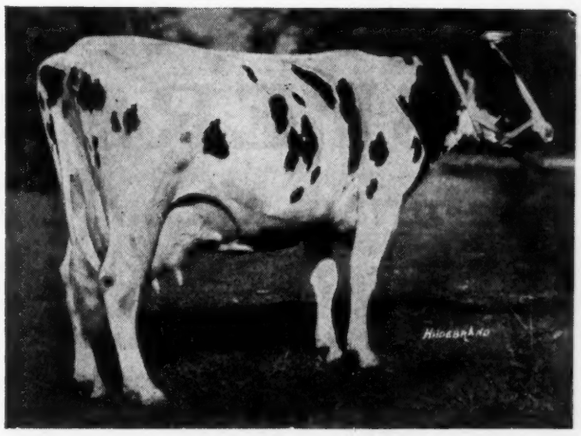
Address
Box 700
Holstein World
Syracuse, N. Y.

The Proven Power of Production

Truth is established by proof. Proof of a fact is established by evidence. PROVEN FACT No. 1—Volume 28 of the Blue Book says there are ONLY THREE cows living that have made FORTY lbs. of butter and OVER 820 lbs. of milk in 7 days. PROVEN FACT No. 2, K. P. Diona Pietertje is ONE OF THESE COWS, and she has a 7-day milk record of 825 lbs. of milk with over 40 lbs. of butter. PROVEN FACT No. 3—K. P. Diona Pietertje is a half sister to the FIRST cow of the breed to make FORTY-FOUR lbs. of butter in 7 days. PROVEN FACT No. 4, The dam of K. P. Diona Pietertje (Diona Konigen Pietertje) has a 7-day record of over 37 lbs. of butter in 7 days, and TWO daughters with an average 7-day production of over 38 lbs. PROVEN FACT No. 5, K. P. Diona Pietertje is a FULL SISTER to the ONLY BULL IN THE WORLD to have TWO daughters both under full age to have an average 7-day butter production exceeding FORTY lbs. Now, here's to my mind a PROVEN FACT No. 6, that's a mighty important fact to take into consideration, if you EXPECT TO BUY A HERD SIRE—K. P. Diona Pietertje this really wonderful cow is the dam of

A BETTER BULL **MAJESTIC RAG APPLE** *THAN HIS SIRE*

One of her sons has a world's record daughter, and all these facts taken together is what I call 'The Proven Power of Production." Now, for full measure, add to all that I have said about K. P. Diona Pietertje the fact that the sire of "Majestic" is none other than Rag Apple Korndyke 8th, sire of a 42-lb. 3-year-old. Doesn't that give "Majestic" a license to be a wonderfully productive sire? Can't you see that he is BOUND to be the COMING BULL of the Breed. Every man who buys a son of "Majestic" has started on the high road to a POSITIVE PROSPERITY. Start today. Write us for a son out of a splendid dam.



MORE WONDERFUL BULL BARGAINS

TWO grandsons of Rag Apple Korndyke 8th, out of splendid A. R. O. dams that are slated for corking good records. These youngsters are offered at GREAT BIG BARGAIN PRICES. The "Quality" is GREAT. The price SMALL.

Niagara Maid Farms, J. T. Shanahan, Owner, East Aurora, N. Y.

Methods That Make For Success

One of the largest and most widely known Holstein establishments in the Middle West, one that does things right and that, in consequence, has built up on a sure foundation a profitable business that commands nation-wide patronage, has always been conducted on the principle that the best is none too good. So, in the important matter of pedigrees the proprietor has always regarded the output of the E. M. Hastings Company as an indispensable aid in creating the favorable impression without which it is impossible to make sales. In connection with an order for pedigrees, dated January 17, the owner writes:

> "We have started a new system of ordering pedigrees of every animal born on the farm—extended (printed) for the bulls and lose-leaf for the females. This business will, of course, go to you."

Many of the large advertisers in the World have long followed the same plan. When it comes to getting pedigrees of your valuable cattle, **THE BEST IS NONE TOO GOOD.**

E. M. HASTINGS CO.

Lacona, N. Y.

DISPERSION SALE

Adrian, Mich. FEBRUARY 7th

At 12 O'Clock at Dr. Gibson's Barn

Absolute Dispersal of Two Herds of Pure Bred Holstein-Friesian Cattle
(With the exception of our 1918 crop of heifers)

The herd of Myers Bros. and also the herd of A. C. Furman

40 Head -:- 30 Cows

Among these are 12 A. R. O. Cows — Some Springers, Several are Fresh

A fine lot of heifer calves, sired by **King Segis Lakeside De Kol.** He now has 5 A. R. O. daughters.

Grandview Mabel Segis--22.276 lbs. butter, 564.2 lbs. milk at 3 years. Sired by King Segis Lakeside De Kol.

Canary Segis Korndyke—17 lbs. butter, 425 lbs. milk at 2 years. Sired by King Segis Lakeside DeKol.

Grandview Canary Korndyke—18.64 lbs. butter, 395 lbs. milk at 3 years and milking 90 lbs. per day at present.

Grandview Canary Queen—18.50 lb. butter, 462 lbs. milk and four of her daughters.

The last two cows mentioned are 5 and 6 years old and from a son of Royalton De Kol Fern, milk 628 lbs., butter 34.60 lbs., and a 23½-lb. granddaughter of Pontiac Korndyke.

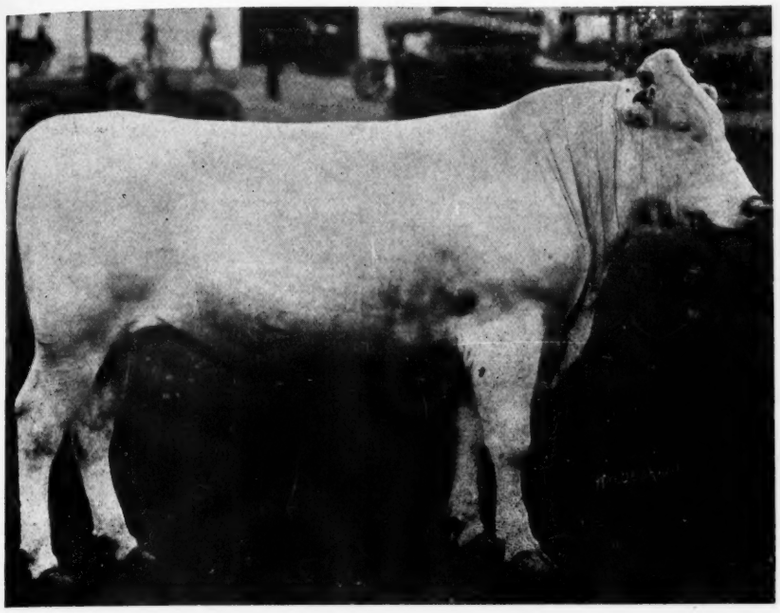
A 4-year-old daughter of a 36-lb. bull.
One daughter of a 32-lb. cow.
One daughter of a 26-lb. cow.
One 21-lb. cow and her 18-lb. daughter.

A. C. Furman consigns his herd sire Sir Pontiac Ybina, born Dec. 31, 1914. Sired by a son of King of the Pontiacs.

All animals over 6 months old tuberculin tested.

Auctioneer: COL. D. L. PERRY **MYERS & FURMAN, Proprietors**

Just A Reminder of Quality



KING ECHO SYLVIA JOHANNA

The Sort

WE BREED

The Sort

WE GROW

The Sort

WE SELL

The Highest Priced Bull in the World

Was Bred, Born, Raised and Sold from this farm as was His Sire (shown above.)

SONS OF KING ECHO SYLVIA JOHANNA CAN BE OFFERED

KING ECHO SYLVIA JOHANNA is sired by a son of May Echo Sylvia, the only cow in the world with a seven day record above 1000-lb. milk and his dam is none other than Belle Model Johanna 2d, that has twice crossed the 37-lb. mark and has produced a 36-lb. daughter. His two nearest dams average right close to 40-lb.

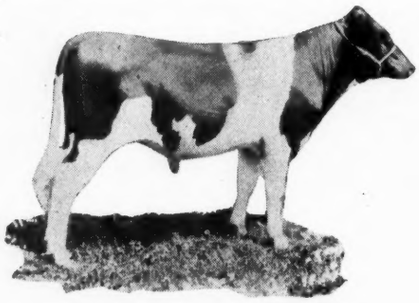
The sons of this great individual sire are also outstanding individuals, from dams with high records and with wonderfully strong official backing. They are brother to Carnation King Sylvia, the $106,000 bull and have a combination of breeding that cannot be duplicated in any other herd in the world.

Pedigree charts and full information will gladly be sent to those interested in one of these youngsters.

AVONDALE FARM

BROCKVILLE **CANADA**

HERE HE IS—



KING BESS JOHANNA ORMSBY

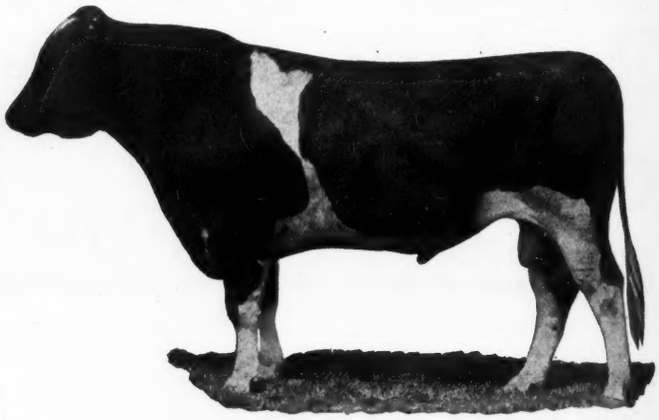
We consider him one of the best bred bulls in the world. Watch for the details and when you see them you will think likewise.

MEADOW LANE FARM

AITKEN BROS. Waukesha, Wis.

The Famous

King Valdessa



A Son of the first 40-lb. Cow
Sired by a son of the first 44-lb. Cow

The records of his dam and sire's dam average:

Butter 7 days 43.03
Butter 30 days 167.90

His Sons Head Many of the Best Herds

If you could see his many choice sons that have gone from this herd to take their places at the head of the leading herds of America you would better appreciate the fact it is a son of King Valdessa you must have to be in the "limelight." King Valdessa Pontiac, that heads the Bell Herd is one of his sons and all through the West you will find them in countless numbers. He has been mated with all the high record cows in this herd and we are in a position to supply the very best at all times. If you own a son of King Valdessa, you own the best. The records of his dam, his sisters and the other members of his family are conclusive evidence of their superiority.

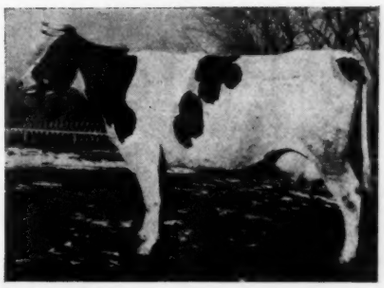
Let us tell you what we have and more concerning KING VALDESSA

B. MEYER FINDERNE STOCK FARMS Finderne, N. J.

INDIVIDUALITY

RAG APPLE CLYDE
A 30-lb. Bull We are Selling.

PRODUCTION



DORA SARCASTIC
A 32-lb. Cow We are Offering

THE FRIESLAND CONSIGNMENT

— TO THE —

NEBRASKA HOLSTEIN BREEDER'S SALE

OMAHA, NEB. FEB. 11, 1919

A SUMMARY

Three sisters to a 45-lb. cow.

Three 30-lb. cows.

Eight granddaughters of King Pieter.

Six granddaughters of Rag Apple Korndyke 8th.

Four young bulls.

B. B. DAVIS Owner

OMAHA, Nebr.

— INCLUDES —

DORA SARCASTIC—a 32.19 lb. cow and sister to a 45-lb. cow.

SEGIS DE KOL JOHANNA 2d—a 30.23-lb. cow and sister to two 30-lb. cows.

OMAHA WAYNE KALMUCK—a 30-lb. sister to a 45-lb. cow.

SECUNDUS WAYNE KALMUCK—with over 27-lb. and sister to a 45-lb. cow.

RAG APPLE CLYDE—A ten months old bull from a 30-lb. daughter of a 31-lb. cow and sired by a 32-lb. son of Rag Apple Korndyke 8th. His four nearest dams average almost 33-lb. and he is a show bull every inch of him.

The eight daughters of King Segis Lyons all have records from 20 to over 30-lbs.

The three daughters of Kalmuck Skylark Johanna all with records, two above 30-lb. are sisters to Niva Kalmuck 45.18-lbs.

The six daughters of Rag Apple Korndyke Boon are some of his very best. His first four daughters made over 20-lb. each and these are fully as good. This is a most remarkable consignment in every way. Everything is being done to make this by far the best sale ever held in Nebraska and Friesland Farm is drawing from its very best to accomplish this feat. They are animals you can buy with every confidence.

HENRY STUBBE -:- Mgr.

The Second 40-lb. Daughter

— FOR —

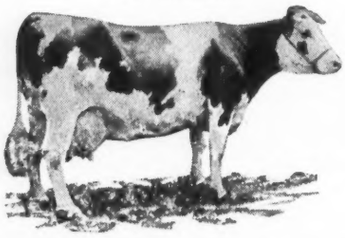
Sir Pietertje Ormsby Mercedes

BESS JOHANNA ORMSBY
At 4 years, 8 days—

BUTTER 7 DAYS 40.71
Milk 657.60

And further proof of "Bess Burke-Sir Pietertje Ormsby Mercedes" Superiority

The Grandam



SPRING BROOK BESS BURKE

Butter 7 days 34.80
Butter 365 days 1094.16

She is the only cow in the world with three 1000-lb. daughters—her daughters have made 1100, 1235 and 1250 respectively. Also the only cow having three daughters above 33 lbs.

THE UNEQUALLED PAIR

The Sire

SIR PIETERTJE ORMSBY MERCEDES

Seven 1000-lb. daughters—More than any other sire.
Two 40-lb. daughters. No other sire has two 40-lb. daughters at an average age of 4 years, 7 months.
Ten 30-lb. daughters.
The world's greatest sire of show ring winners.

MARATHON BESS BURKE

Our new herd sire, is the product of constructive line breeding of these two wonders. Watch for later announcements.

The E. C. Schroeder Farms, Moorhead, Minn.

Holstein-Friesian World

Vol. XVI Lacona, N. Y., and Syracuse, N. Y., February 1, 1919 No. 5

King Segis Pontiac—The Thirteenth Century Sire

By G. H. TRUCKELL

KING SEGIS PONTIAC, 44444, the latest bull to have 100 daughters admitted to the Advanced Registry and become a Century Sire, was born January 31, 1906, the property of the Stevens Brothers-Hastings Company. As all readers of the Holstein-Friesian World know, he is a son of King Segis and Pontiac Clothilde De Kol 2d, two of the greatest animals ever developed in the Holstein breed.

His sire and dam were a comparatively young couple, King Segis being 26 months and Pontiac Clothilde De Kol 2d only 25 months old at the time of his birth, and few then expected the favors fame had in store for this illustrious pair. Of his sire, we need say little. Many consider him the greatest transmitting sire the world has ever known, the work of his daughters and later on, his granddaughters, are ample ground for this belief. One of his sons has a 50-lb. daughter, two others have each sired a 40-lb. heifer, and his granddaughters, through both his sons and his daughters, have certainly made tremendous milk and butter records.

The dam, Pontiac Clothilde De Kol 2d, was officially tested year after year and made splendid records. At three successive lactation periods she made over 30 lb. of butter in seven days, the first cow that ever accomplished such a wonderful performance. She has five records averaging over 30 lb. And her records of 37.21 lb. butter in seven days, 145.29 lb. butter in thirty days and 1271.6 lb. butter in a year were each a world record over all ages and breeds at time of making. She was and is, a grand individual and although now past fourteen years old, we are assured by her owners, the Fred F. Field Company, that she still is breeding and producing.

Our hero is certainly of royal breeding. And he too, like both his parents, possessed individuality of a high order. As a yearling and again as a two-year-old he headed his class at the New York State Fair. That he transmitted this type and conformation has been demonstrated time and time again in leading fairs where his sons and daughters have carried off prizes and championships.

In his earlier years he was used as a secondary herd sire, but it was no disgrace to have to stand back for the mighty King of the Pontiacs. Bred to the daughters of that sire, he produced bulls that sold for tremendous prices and several years ago one authority gave it as his opinion that over a quarter of a million dollars were then invested in sons and daughters of King Segis Pontiac. The first Holstein bull calf that ever brought $10,000.00 at public auction was his son, King Segis Pontiac Alcartra, sold June 1911 on the New York State Fair Grounds, right after the annual meeting of the National Association. At that time the price was a World Record for a dairy bull under a year old.

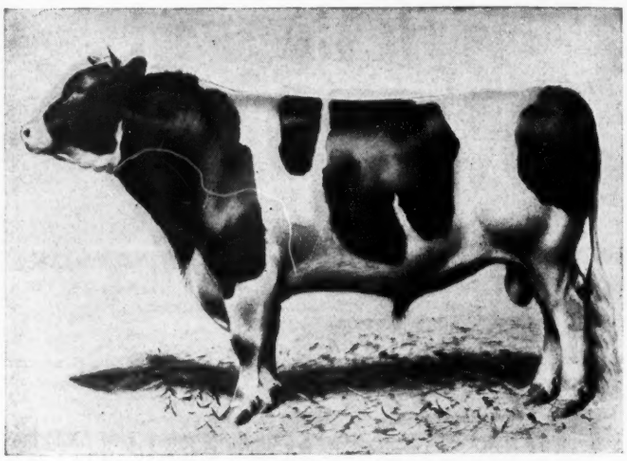
The daughters of King Segis Pontiac have been scattered far and near. The Stevens Brothers kept the daughters of King of the Pontiacs and as they increased, other lines of breeding were traded and sold. Yet, strange to say, sons of King Segis Pontiac, especially when from daughters of King of the Pontiacs, outsold sons of that sire time and time again. In the June Sale 1914, at Chicago, his son, King Segis Pontiac Chicago, went to a syndicate of Illinois breeders for the princely sum of $20,000.00, another world record.

King Segis Pontiac has two daughters that each produced over 31 lb. of butter in seven days and both are from daughters of King of the Pontiacs. K S P Ruby made 31.07 lb. and averaged over 90 lb. milk per day. K S P Diona is credited by Supt. Gardner with 30.82 lb. but her owners, the Fred F. Field Company, advertise that she later increased this to 31.57 and so is the highest record daughter of her sire. Two other daughters not yet officially reported, have crossed the 30-lb. mark. Several daughters of King Segis Pontiac have made year records. Three of

The Century Sires	A. R. O. Daughters	Producing Sons	Producing Daughters
1. King of the Pontiacs	236	145	68
2. Pontiac Korndyke	147	110	90
3. Lord Netherland De Kol	127	37	157
4. De Kol 2d's Butter Boy 3d	118	95	85
5. Hengerveld De Kol	116	66	85
6. Colantha Johanna Lad	109	86	52
7. Homestead Girl D. K. Sar. Lad	107	44	61
8. Aaggie Cornu. Johanna Lad	106	73	79
9. Paul Beets De Kol	105	49	96
10. Changeling Butter Boy	102	16	40
11. Sir Veeman Hengerveld	101	10	51
12. Pietertje Hengerveld Segis	100	55	30
13. King Segis Pontiac	100	51	28

these were under tremendous handicaps, fed and milked three times a day at the most, with no roots or silage and part of the time straw at least once a day. But K S P Dione, who made 29.15 lb. butter in short time test, and must not be confounded with K S P Diona, already mentioned, produced 724.-52 lb. butter and over sixteen thousand pounds of milk in the year and K S P Pleione made 777.43 lbs. butter, 17,578.5 lb. milk in 365 days.

But I am getting away from my hero's history. Way back in 1913, I think it was, fate seemed unkind to him. He became sore footed and probably in consequence, was not a sure sire. Those keen judges of stock and capable business men, R. E. Haeger and T. E. Getzelman, saw him at Liverpool and after remarking on his disconsolate appearance, incidentally asked the price on him. By that time, his dam was the mother of the bull It, and as the color fad was then strongly in evidence, the Stevens Brothers were planning to retain the younger bull in their herd. Mr. Getzelman afterwards told me that they never expected to buy him but at the figure named, he was a profitable investment if he only lived a few months. The partners, after looking over the bull a little more, decided to make the plunge, and so King Segis Pontiac left New York for the State of Illinois.



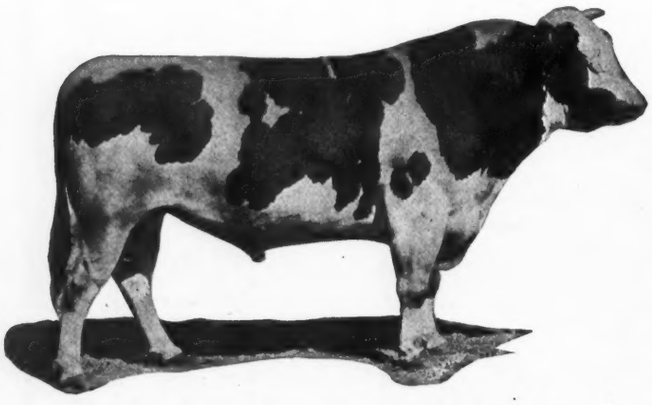
KING SEGIS PONTIAC
The new century sire and widely known as a sire of unusually high class individuals. Owned by R. E. Haeger, Ill.

Immediately after getting him home, his new owners, who knew that his dam and his dam's full sister had been troubled with sore feet, threw him and carefully pared his hoofs, finding at least two pus pockets. These were drained and carefully dressed and a few weeks later the treatment was repeated. He was kept standing on bare ground, and so successfully was he doctored that when I next saw him, Thanksgiving Day 1914, he looked better to me than he ever did before, even in the show ring. Years of usefulness were thus saved by a little knowledge and a lot of gumption.

A few months later Bob Haeger bought out Getzelman's interest in this sire and those who have looked over Mr. Haeger's young show cattle at any high class fair or attended his wonderful home sales, have seen superb individuals saved to the Holstein breed. And in his home herd at Algonquin, Illinois, the King still rules the roost, although he will be twelve years old on the 31st of January, 1919.

Through both his sons and daughters he has transmitted the producing capacity of his dam, both in short time and year test. His highest record granddaughter is Superba Palmyra, 39 23 lb. butter in seven days when only five days past her third birthday, world champion of her class, she is by King Segis Pontiac Columbo. The tremendous milk and butter records made in both official and year test by the daughters of his son, King Segis Pontiac Count, come so fast that I will not attempt to list them here. And several other of his sons have sired 30-lb. daughters and daughters with large yearly records. At least two of his daughters are dams of 30-lb. cows and his granddaughter, Artis Pontiac Susie Judith, has twice made over 30 lb. butter in a week, has one large year record and is again in year test making one even larger.

Grandsons and granddaughters of King Segis Pontiac have won many prizes in the show ring in nearly every state in the Union and in several of the Canadian Provinces, and their fame continues to increase.

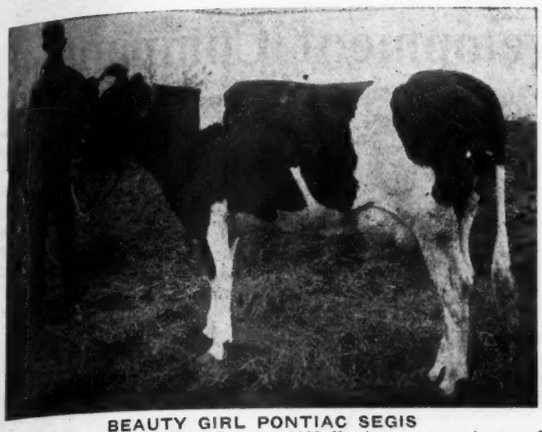


KING SEGIS PONTIAC ALCARTRA
Famous as the $50,000 bull. Now closely crowding the century mark as a sire. Owned by John Arfmann, N. Y.

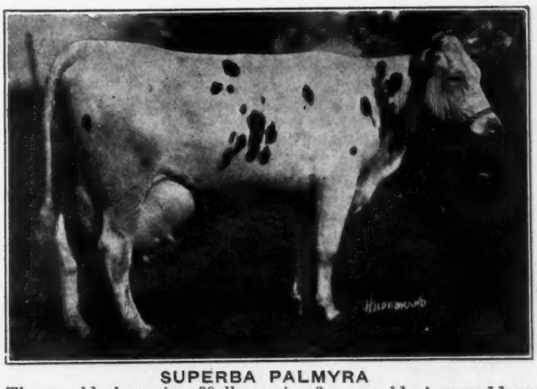
World's Records Up a Pound in Junior Four Class

44.61 Lb. Now the High Mark.

THE World's Record in the junior 4-year-old class, seven-day division, has been shoved up a whole pound by the performance of Katie Paul Burke 292676. This wonderful little heifer, reported by card from the A. R. office under date of January 21 with 40.17 lb. butter, 680.1 lb. milk, has made an increase in her milk flow with a corresponding rise in percentage of fat, so that her figures as they stood on January 27 were 44.61 lb. butter, 690.5 lb. milk. These it will be understood are the owner's figures as furnished by the tester in charge. By this production she becomes not only the forty-first 40-lb. cow, but the World's Champion junior 4-year-old with a margin of over a pound. Last year Lady Netherland Pontiac, a daughter of King Pontiac Konigen from a 29-lb. dam took the championship away from Wandermere Belle Hengerveld (42.65 lb.), with her production of 43.59 lb. butter, 583.3 lb. milk. It might reasonably have been supposed that such a record would stand for some time at the top, but now we find not only a new record-holder, but the second highest record heifer under full age. Katie Paul Burke is a tidy individual, weighing between fourteen and fifteen hundred pounds before freshening. She has an excellent top-line, and is a heifer of good strong capacity, although she would not be selected as unusual in this respect. However the capacity to produce is bred in her, her own dam, Katie Pietertje Paul 5th, being one of the real outstanding cows of the breed. Old Katie has a record of 34.23 lb. butter, 704.9 lb. milk in 7 days, 140.41 lb. butter, 2914.9 lb. milk in 30 days. She has recently made another record which we understand is above 33 lb., and she now stands in the stall beside her daughter milking right around 100 lb. per day, although not now in test. As a 3-year-old she broke the world's record in the eight months after calving division with 17.63 lb. butter, 425.6 lb. milk. She is a daughter of Colie Change, whose 12 A. R. O. daughters include the new 40-lb. cow, Ruby Pietertje Butter Boy, and three others with records of 32, 34 and 35 lb., two others making 29.01 and 29.99 lb., practically 30 lb. Katie Paul Burke, the new champion thus has a rich heritage of producing blood on the dam's side. Her sire is King Korndyke Burke, whose dam is a 30-lb. daughter of Earl Korndyke De Kol, a maternal brother to Pontiac Korndyke. The sire of King Korndyke Burke is Queen Milk & Butter Champion, son of the former world's champion cow, De Kol Queen La Polka 2d, one of the first 35-lb. cows and the first cow to produce over 800 lb. milk in 7 days or 145 lb. butter in 30 days. Katie Paul Burke and her dams for generations have been bred by Jabez Smith of Newark Valley, N. Y. It is interesting to note that she was fitted, practically up to calving time in the Smith herd under the supervision of Paul Smith. During test in the Abbott & Clark herd she has been handled by George Underwood, a boyhood friend and apt understudy of George Clark, junior partner in the firm of Abbott & Clark, (Continued on page 34.)



BEAUTY GIRL PONTIAC SEGIS
A 37-lb. 3-year-old with over 1100 lb. in a year. A granddaughter of King Segis Pontiac. Owned by J. M. Hackney, Minn.



SUPERBA PALMYRA
The world champion 39-lb. senior 3-year-old. A granddaughter of King Segis Pontiac. Owned by O. Cabana, Jr., N. Y.

Some Thoughts on Breed Building

By GEO. J. BOULTON

It has been said, "Put all your eggs in one basket, and then watch that basket." This may be good teaching with respect to eggs. Eggs are the starting point of the poultry business with many people. This same principle may be a good starting point for the Holstein breeder. I think it is. Yet this same principle, if applied all the way along, means stagnation and loss. Unless you are careful, young breeder, you may lose right from the first.

Before any building can take place the ground must be cleared. Breed building surely involves the clearing of the ground. Therefore, clearing away every one-sided make-shift ideal from our minds let us prepare a breeder's ideal evenly balanced in substantial lines. Let that ideal take the form of a pedigree representative of a good Holstein herd. What better off shall we be with the top line of our pedigree all century sires, if the middle and bottom parts are all Ichabod, disgrace, failure? Every century sire has his Ichabod sons whose dams leave them nothing but a bad name.

It is best to link up, in our breeding, with as many great names as possible. Not that we advise indiscriminate grasping after the names with records attached. Too much of that has been done. Watch the collateral lines. They tell a truer tale than do most pedigrees. It is better if your bull's grandam, for instance, has many high record daughters and granddaughters than it is if her own record is high. It is bad if she has no record at all, it is worse, however, if neither her sons nor her daughters have made good. If they have not made good, how can your bull make good? On the other hand, if she comes within direct or close collateral lines of the best stock, you still have a very good chance. Let us insist, however, that it is not enough that she was bred to a good bull. She must have either good ancestors, a good record, or good offspring. She should have all three if she is to be the grandam of your bull.

The professional breeder may interpose the question, "What shall be done with young bulls which, for reasons outlined cannot be sold?" Without hesitation we answer, "Butcher them." The heifers may be kept. For no cow will be expected, under ordinary circumstances, to wield the same hereditary influence as that required of a bull. In three or four generations, by the aid of good bulls, cows of first quality may be produced. Moreover, no one will be injured by the process if, in the meantime, the bulls are not palmed off on the unsuspecting beginners "at a bargain."

JEWEL PONTIAC SEGIS
The world's record senior 3-year-old with 1171 lb. butter from 27068 lb. milk. A granddaughter of King Segis Pontiac. Owned by J. M. Hackney, Minn.

What has been said of the grandam applies to all ancestors. Indeed the farther back you go in the pedigree the more you should find of foundation cows, century sires, etc., until you get back to where testing began.

The principle here suggested will naturally result in the linking up of great lines of production. Care should be taken that these lines do not converge. Two instances to the point may be given. Those acquainted with Holstein names will recognize good judgment in the following breeding:

Hengerveld Pontiac Korndyke was bred to a daughter of Count Inka Mechthilde. This Hengerveld Pontiac Korndyke's sire was a son of Hengerveld De Kol from a daughter of Pontiac Korndyke. The cow to which he was bred was by Count Inka Mechthilde, uncle to Pontiac Korndyke and first cousin to Hengerveld De Kol. In the pedigree thus obtained the lines do not converge. In fact it is not till we get to the fifth generation that any name is used which occurs more than once. This was conservative, yet strong, line breeding,

Another instance, one not so good: this same daughter of Count Inka Mechthilde's was bred back to her sire. The result was, of course, a first and second cousin of Pontiac Korndyke, and third and fourth cousin to Hengerveld De Kol. These relationships, bear in mind, came through direct inbreeding. The offspring was a heifer. What did this breeder do next? He bred her to Hengerveld Pontiac Korndyke. Why did he do it? Because he did not know that old Count Inka Mechthilde was at all related to his new bull. The first instance was a fortunate coincidence. Even the last one is not to be compared with the bad practice of many modern breeders. For it often happens that the relationships are so complex that they can be stated only in figures approaching close to 100 per cent. When good blood is as plentiful as it is now, how foolish it is to restrict ourselves in this manner.

Inbreeding destroys the very principle it seeks to promote in that it cuts off the possibility of linking up numerous good lines. Too close line breeding does the very same thing. Inbreeding is excusable only on the grounds that it is either an absolute necessity, or that worthy blood could be found no where else. Line breeding is practical and beneficial only where a richer heritage can be brought to bear upon modern breeding by drawing the old lines together again. It is certain that the latter can be done, and is done very frequently.

Uniformity of type, so frequently sought in the breeding of similar lines,

(Continued on page 38.)

The Dairy Cow Development Company

Las Animas County, Colorado

BEING a constant reader of your excellent publication, I know that the whole emphasis is based on the care and breeding of purebred stock. This is commendable, and is a constant source of information for those who are classed among the "upper crust" in classic animal breeding, and it is also furnishing direct information to those having grade herds which they wish to improve with purebred stock.

It may not be out of place, however, to mention here a project which is being carried on for the benefit of a new homestead country, where the settlers have been located only three years in the main, and where due to good management they have now raised an immense feed crop. These people have put all their available money in developing their places to the present state, and now have this immense quantity of feed with practically nothing to feed it to.

The writer, early in the month of July, began to devise some means of getting dairy cows for these settlers, and originateed what was called "The Big Brother" dairy cow idea. This contemplated the investment of $800 or $1000 by some man who could find the money, in about six or eight good cows.—he to loan them to a brother farmer on shares for a contract period of four years—the farmer to receive all the milk and one-half the increase.

The Trinidad-Las Animas County Chamber of Commerce, in looking over the proposition, decided to organize a stock company for $100,000 and buy good dairy cows, placing them on shares with these homesteaders who had feed, shelter, and water, on exactly the same basis as that proposed by the writer previously.

The first shipment of four carloads of cows was received about December first, and distributed under this plan. These cows were high grade Holsteins from the best dairy sections in Wisconsin. Along with them came six registered bulls, the records of whose dams were 20 pounds or better.

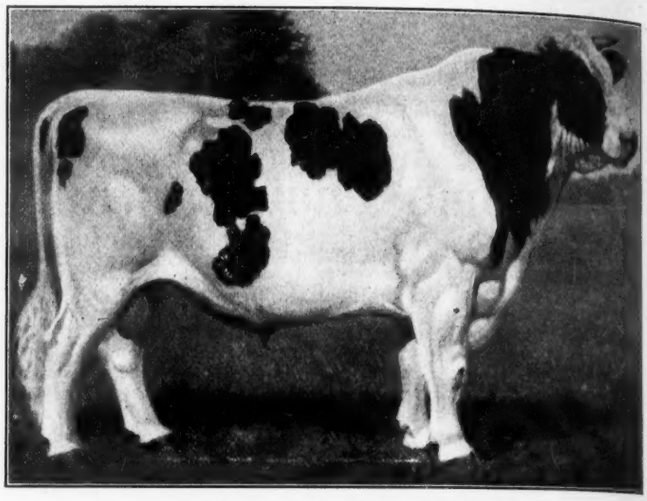
Mr. O. H. Liebers, Agricultural Agent for the Burlington and C. & S. lines West, made the selection of the stock, and it is safe to say that better grade stock has not been taken out of Wisconsin in years.

The company is organized to do business continually, and more shipments of the same kind of stock are expected in the near future.

First: It furnishes to many people who are essentially honest and industrious, stock which they could not raise the money to buy. They will become self-supporting and along with it become small dairymen and therefore fixtures in the county.

Second: Under the plan, four or five neighbors are encouraged to work together in the purchase of a registered sire, and in the development of their herds. The various communities of this sort, after a certain length of time, will exchange sires — thus from the beginning learning the "bull circle" idea.

Third: If these people should buy a cow here and there, when they could afford it, and carry on their breeding operations as they usually do under such circumstances, their herds would not only not improve, but probably for a term of years, deteriorate. The present plan enforces a certain uniformity in breeding which is bound to bear results not otherwise secured by poor people who would under necessity have to look out for their own breeding operations.



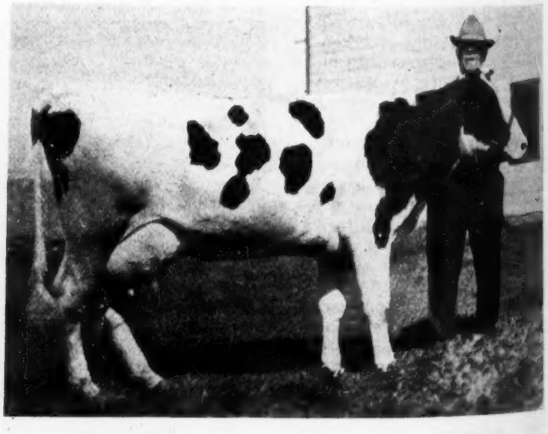
KING SEGIS PONTIAC KONIGEN
The famous $35,000 bull and sire of a goodly list of record daughters. A son of King Segis Pontiac. Owned by F. F. Field Holstein Co., Mass.

Fourth: It places a responsible and interested commercial organization in charge of the project for a period of four years; after which we believe there will be no intention on the part of anyone engaged, to go back to helter-skelter ideas of breeding.

Fifth: At the present time when the world supply of dairy cows is short, it takes from certain localities where there is a congestion of stock, and places that excess among people who have practically none. It is relieving the high priced, overstocked, eastern farm, and stocking the low priced lands of the West so that they may carry their portion of the load in dairy cow production.

The matter of purebred stock will naturally come a little later in the game. We believe that the first idea with new people must be good producers of a kind of stock which they can take care of properly, and then gradually as they come to know stock and desire purebreds, they can get into that end of the game for themselves.—Chas. E. Smith, County Agent.

KING SEGIS PONTIAC COUNT
One of the best sons of King Segis Pontiac and himself the sire of four 1000-lb. daughters.

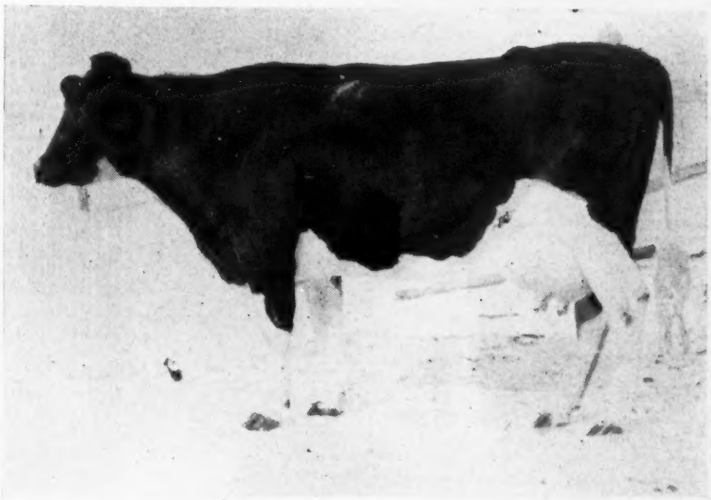


BEAUTY BEETS WALKER SEGIS
The world record senior 2-year-old with a year record of 1040 lb. butter from 25343 lb. milk. A granddaughter of King Segis Pontiac. Owned by J. M. Hackney, Minn.

PICTURE GALLERY

The Only One of Her Kind

The second combination of four direct generations of 30-lb. cows has recently been developed through the performance of Ruby Walker Pietertje 3d, a member of the herd of A. A. Hartshorn Holstein Co. She has just made over 30-lb. butter from 600 lb. milk. She had a former record of 29.40 lb. butter from 639 lb. milk in 7 days and 117.15 lb. butter from 2625 lb. milk in a month. She is sired by King of the Black and Whites whose three nearest maternal dams are all 30-lb. cows and her dam is Ruby Walker Pietertje (30.21 lb.) that is in turn from a 30-lb. daughter of Beauty Pietertje. With this combination of breeding Ruby Walker Pietertje 3d stands as the only 30-lb. cow of the breed backed by three direct generations of dams on both sides of the pedigree. That she is handing down her good qualities is shown by the fact that one of her daughters as a 2-year-old has made over 25 lb.. She was bred and developed by her present owners.



RUBY WALKER PIETERTJE 3d

Ohio Coming Strong Again

Recent reports from the A. R. office indicate that Ohio will be near the top again in the senior 4-year-old class when a record now in progress is completed. May Clifden Pontiac has consistently led this age in the monthly reports of semi-official tests in progress, for some months back. The latest report, covering the month of October credits her with over 90 lb. fat for the month, and a total in 194 days of practically 700 lb. butter and 17,000 lb. milk. When fresh she crossed the 30-lb. mark in seven days with 30.37 lb., and 123.24 lb. in 30 days, milking 2915.9 lb. in the latter period. She is a granddaughter of King of the Pontiacs, and is owned at Daisy Hill Farms, Chagrin Falls, Ohio. Keep watch of her further progress.

MAY CLIFDEN PONTIAC

A Nebraska State Champion

Aaggie Echo Kalmuck 2d stands as the champion junior 3-year-old of the state of Nebraska. At the age of 3 years 3 months she made records of 32.60 lb. butter, 525.0 lb. milk in 7 days, 131.57 lb. butter, 2247.6 lb. milk in 30 days. Her sire is King Segis Lyons, a son of King Pieter, from one of the good daughters of King Segis. This sire is making a great start through the work of his young daughters, five of them already having crossed the 30-lb. mark. Her dam, with only a small record herself, is a sister to Nebraska's only 45-lb. cow, Niva Kalmuck. The whole family was bred and developed at Friesland Farms, Omaha, Neb. Dr. B. B. Davis is the owner and Henry Stubbe is the manager.

AAGGIE ECHO KALMUCK 2d

Published every week by Holstein-Friesian World, Inc.

M. S. PRESCOTT, Editor.
F. T. PRICE, Business Manager and Associate Editor.
P. B. MISNER, Associate Editor.

Subscription price for the United States $1.00 per year in advance. All foreign subscriptions, including Canada, $1.50.
The date following the address on the wrapper of each paper indicates the time to which the subscription is paid and is to answer the purpose of a receipt.
All matter for publication in any issue must be received two weeks preceding the date of issue, which is Saturday.

FEBRUARY 1, 1919

Keeping Accounts on the Farm

AGRICULTURE is the fundamental industry upon which rest the prosperity and welfare of the world. No other industry or business can approach it in importance. Yet think of the consternation and confusion that would immediately arise if our railroads, our shops, and our mills and factories all depending upon Agriculture—were to attempt to get along with as general and indefinite a knowledge of their business as do our farmers and dairymen! It couldn't be done. They would go on the rocks in no time. Agriculture survives and continues to exist through its very stable and fundamental nature. It is none the less true however that this deficiency in detailed knowledge of costs, this lack of definite information about leaks and losses and profits, is responsible for a great deal that is bothering Agriculture today. With definite cost figures at hand, much of the noise and objection to present prices would disappear, because those prices would find abundant justification in the facts. At heart we are all very much alike—we do not kick at high prices when we feel that we are getting value received. It is the feeling that somebody is profiteering at our expense that raises our ire. The real facts regarding dairy and farm products would dispel any such illusion, but those facts are not available in sufficient number to prove to the man who has been taught to think otherwise that a large proportion of the increased price for milk is not "velvet" for the dairyman. At the same time this definite knowledge would be worth a great many dollars to Agriculture. It would point the way to better and more efficient methods; it would show unmistakably what to do and what not to do; it would bolster credit; it would lower costs and prices and increase profits. In this issue of the World F. H. Stevens makes a suggestion as to the benefits that would accrue to both consumer and producer if accurate cost records were made compulsory by law. While such a plan is of course not practical in our present stage of development, there is plenty of food for thought in the fundamental idea back of it.

Unquestionably the number of farmers and dairymen who are keeping reasonably close accounts of their business is growing speedily, for nowadays Uncle Sam is calling for pretty accurate data about profits. Present day conditions really demand it. Far too great a majority of them however are failing to meet these conditions with present day methods in the fundamental matter of keeping definite records of costs and finances. Without question this is the most neglected of the important farm operations. Several factors contribute toward this condition. In the first place most of us dread the job. It looks like a big undertaking. Perhaps we doubt our ability to keep them straight and in such a manner that they will tell us anything when we get through. There is nothing much more discouraging than a set of books gone wrong, and so we postpone the evil day and follow the line of least resistance by trying to keep our account good at the bank and by telling ourselves as long as we have a balance there, we must be getting along all right.

We feel perfectly safe in saying that the proportion of the readers of the World who are keeping adequate books on their business is far greater than the average for dairymen and farmers in general. Yet it is equally certain that many of us do not really **know** very much about the condition of our business from year to year, and many of us could not make even an intelligent guess. Such a condition is not necessary. The difficulties of keeping a reasonably complete record of farm accounts have been greatly magnified. We never know how simple the problem is until we make a **regular job** of it, with the proper tools and forms, until we discard the idea that the bookkeeping is something to be given attention when we have nothing else to do. Many of our state agricultural colleges have worked out definite forms designed to simplify the work of keeping the various items in their proper places. These can be obtained at very slight expense. Their use will effect an immeasurable gain in time and accuracy. If you are not already keeping books on your business make a start today. **Know** what you are doing in 1919. You will never return to the old conditions—of that we are positive.

Some Reminiscences Regarding Mr. Burrell

TO Mr. E. A. Powell we are indebted for the following reminiscences concerning the life work of the late Mr. D. H. Burrell. Although he had been a dairyman and a manufacturer of dairy machinery for many years preceding, Mr. Burrell made his start with purebred Holsteins in 1881, coming to Lakeside at that time, and purchasing in company with his brother E. J., a carload of imported heifers. From that time for over twenty years he was prominent as a breeder and a tower of strength in the councils of the national association. He was elected on the Board of Officers of the Holstein-Friesian Association of America at its second annual meeting in 1886, and from that time until 1904 he served continuously as an officer of the association, being president in 1890. He was very popular with his fellow workers, and the outstanding feature in connection with his work was his great success in harmonizing discordant elements on the Board. While he never made many official records in his own herd, he was a strong supporter of the Advanced Register when Mr. Hoxie was endeavoring to have such a system adopted by the Association. He was a pioneer in experimenting with mechanical milkers and his tests, and writings on the subject of feeding ensilage gave him a wide reputation in dairying circles. Concerning him Mr. Powell says:

"In his business transactions he was broad-minded, fair, honorable, watchful of the interest of his associates as well as his own. As an associate he was companionable, generous, always mindful of the comfort of others. As a citizen he was liberal and interested in the public welfare. By his death the Holstein-Friesian Association has lost a highly valued member, the State one of its best citizens and I a dear personal friend."

Happenings of the Week

Katie Paul Burke 292676, has broken the world's record in the junior 4-year-old class, with a production of 44.61 lb. butter, 690.5 lb. milk in 7 days. She replaces Lady Netherland Pontiac (43.59 lb.), the daughter of King Pontiac Konigen who last year annexed this record. Katie Paul Burke is from the 34-lb. cow, Katie Pietertje Paul 5th, and is sired by King Korndyke Burke, who is from a 30-lb. daughter of Earl Korndyke De Kol, and sired by a son of the 35-lb. cow, De Kol Queen La Polka 2d, the first 800-lb. cow of the breed. Katie and her dam were both bred by Jabez Smith, Newark Valley, N. Y., and both are now owned by Abbott & Clark, Cortland, N. Y., who developed this new champion.

* * *

Rag Apple Aaggie Colantha, the senior 4-year-old reported last week with over 41 lb. has now increased her figures slightly to 41.22 lb. butter, 715.1 lb. milk, with a 30-day record of 164.07 lb. butter, 2819.9 lb. milk. She is a daughter of Dutchland Sir Pontiac Rag Apple, from a 34-lb. daughter of Colantha Johanna Lad, and is the only 40-lb. cow backed by three direct generations of 30-lb. dams. She was bred and is owned by D. W. Field Farm Co., Montello, Mass.

* * *

The second combination of four direct generations of 30-lb. dams is announced by the A. A. Hartshorn Holstein Co., Hamilton, N. Y. Ruby Walker Pietertje 3d, a daughter of King of the Black and Whites and Ruby Walker Pietertje, has crossed the 30-lb. mark with better than 600 lb. milk. She is the only 30-lb. cow of the breed backed by three direct generations of 30-lb. cows on both sides of her pedigree.

* * *

The twenty-first daughter of Colantha Johanna Lad

has entered the 30-lb. list. Her name is Colantha Butterfly Johanna, and her figures as a senior 4-year-old are 30.05 lb. butter, 644 lb. milk. She also has a 30-day record of 120.01 lb. butter, 266.6 lb. milk. She has a 30-lb. full sister, being from a daughter of Pietertje Hengerveld's Count De Kol. Bred and owned by D. W. Field Farm Co., Montello, Mass.

* * *

Vinnie Changeling 2d, a daughter of Tidy Abbekerk Prince, has recently crossed the 30-lb. mark with 30.80 lb. butter, 597.6 lb. milk. She is the tenth daughter of her sire above 30 lb. Owned by Henry March, Richford, N. Y.

* * *

A daughter of De Kol Butter Boy Prince 4th at Oneida Community, Kenwood, N. Y., is reported as having over 37 lb. in her first seven days in test.

* * *

Another daughter of Colantha Sir Aaggie has recently completed a splendid record as a senior 3-year-old. Her name is Aaggie Rag Apple Colantha, and her figures on Jan. 23 stood at 33.26 lb. butter, 582.5 lb. milk in her last seven days preceding. Her last two days were both above four pounds of fat, or at better than a 35-lb. rate, so there will very likely be a change for the better for her record as given above. She is from Colantha Pontiac Rag Apple, famous 33-lb. daughter of Colantha Johanna Lad and Pontiac Rag Apple, the $8,000 31-lb. 4-year-old daughter of Pontiac Korndyke. This completes another set of three generations of 30-lb. cows. This combination is remarkable in that all three were under full age, comprising two senior 4-year-olds and a senior 3-year-old. This statement applies to none of the other combinations.

* * *

Fairview Milla Korndyke 2d has recently completed a record as a 4-year-old of 31.42 lb. butter, 605 lb. milk. She is the fifth daughter above 30 lb. for Rag Apple Korndyke 8th. Her dam is a daughter of Pontiac Korndyke. Anna Johanna Abbekerk, a daughter of Tidy Abbekerk Prince Wayne, and thus a granddaughter of Tidy Abbekerk Prince, has completed a record of 30.01 lb. butter, 614.6 lb. milk in 7 days. She is owned at Pine Grove Farms, Elma, N. Y.

* * *

A new world's milk record for strictly official year production is established by the California producer, Raphaella Johanna Aaggie 3d. Her figures as announced by wire are 30,641.2 lb., the record being completed at midnight January 25. Her butter production was 1033.15 lb. This milk record displaces the strictly official year record of 30,427 lb. held since last year by the Canadian cow, Zarilda Clothilde 3d De Kol. It will be recalled that Raphaella Johanna Aaggie 3d broke the American records for milk in the short time divisions, which she still holds. The complete story of her performance will appear in the World next week.

Many a man who would laugh at the folly of picking out a book for its handsome binding, without reference to the matter within, marries a girl whose chief recommendation is her beauty and pretty clothes.

"Folks Would Pester Me"

Somebody asked an old Missouri store-keeper why he didn't put a small advertisement in the local newspaper to advertise a "home blend" of coffee that was particularly good.

"I don't wanta," he replied lazily. "If I did, folks would pester me all the time to show 'em my goods."

Thus did an old Missouri store-keeper pay unconscious tribute to the business-getting value of advertising. He missed a lot of business, of course, but there's another side of it.

In buying ADVERTISED Holsteins you get the full benefit of every bit of advertising done by the breeder of whom you buy. It is no small help for the prestige of well advertised and popular blood lines will go a long way for you when you in turn begin your advertising and sales campaigns.
Buy your Holsteins from the advertisers. You will save money and the advertiser will be working for you every day in the year.

The man who advertises is glad to have you "pester him" and to SHOW you. Don't miss the advertisements. They will save you money.

ANOTHER 30-POUNDER IN CONN.

The Wallace Holstein Company have recently completed a record of 31.71 lb. butter from 737 lb. milk in 7 days on the cow, Covey Colantha De Kol, a granddaughter of Colantha Johanna Lad. During her best day she produced 107 lb. milk and her milk production for both one and seven days is believed to be the largest ever made in the state of Connecticut. She is sired by Colantha Johanna Lad Son who has another 30-lb. daughter and her dam is by a son of Pietertje Hengerveld Count De Kol.

SOMETHING NEW FOR O K L

Ormsby Korndyke Lad has been the center of attraction for the past two weeks with a new 30-lb. daughter each time and now while we cannot report a new 30-lb. daughter we can announce a considerable increase in the record of O K L Pearl Tula with a four-year-old record of 30.62 lb. butter. This cow has just made a record as a five-year-old of 33.63 lb. butter from 556 lb. milk with her best days production 83.8 lb. milk. It will be remembered O K L Pearl Tula came into prominence as a senior 2-year-old when she made 19.14 lb. butter from 374 lb. milk eight months after calving which at the time was world record, and in that same lactation period made a year record of 907.7 lb. butter from 19,319 lb. milk. She with her sire and nearly all of her sisters is owned at Beaver Dam Farm the property of Julius Schmid.

HESTER HAS A SON

Hester Aaltje Korndyke, the first 46-lb. cow of the breed recently gave birth to a son in the herd of her owner, M. J. Smiley of Belle Fourche, South Dakota. Labor conditions and the feed situation made it impossible to test this former world champion during this period. The calf is described as a pleasing individual and bears every indication of developing into a real show bull.

TEN FOR TIDY ABBEKERK PRINCE

The tenth daughter of Tidy Abbekerk Prince to cross the 30-lb. mark has just completed her record, according to the preliminary record received from Henry Marsh, Richford, N. Y. Her name is Vinnie Changeling 2d, the figures of her record being 30.80 lbs. butter and 597.6 lbs. milk. She represents a combination that has produced a number of the best daughters of Tidy Abbekerk Prince, her dam Vinnie Changeling being a 23.87-lb. 3-year-old daughter of Changeling Butter Boy, the new century sire.

A WORLD BOOSTER

Editor World, Sir:

Enclosed find a check for one dollar to pay for one year's subscription to the "World" for William Buchholz, Plymouth, Wis., R. No. 2.

Mr. Buchholz is just getting interested in purebred Holsteins and has bought one purebred calf for his boys.

After reading my copies of the World I send them up to the school house and the big boys are very much interested in them. They like to look at the pictures of the fine Holsteins, which creates in them a desire to own one, so they go home and "get after dad" until they have a fine purebred calf in the barn and right there and then they are Holstein men and become the future breeders of the fine old Holsteins, the greatest breed of dairy cattle in the world.

I have been taking your paper ever since it was published and like it very much. I would like to see a copy of it in every rural school and library in the world. If Holstein breeders would see that this was done, they would surely boost the breed and have no trouble in getting rid of their surplus stock in the future.

Wisconsin. P. F. Buelke.

HOLSTEIN MILK AT $35 WEDDING BREAKFAST

A recent copy of the Worcester (Mass.) Telegram gives prominent display to an account of a wedding breakfast served by Landlord Averill of the Bancroft at $35 a plate. One item in the menu was "Holstein Milk." This was to be expected, for when a man pays $35 a plate for a party of 24 friends, he is entitled to the best there is.

SOME GOOD "HURD" RECORDS

Editor World:

Am pleased to advise that my senior herd sire, Hilldale Korndyke Abbekerk, the bull that produces them worth while, is again living up to this slogan, which will show by the record of 3 of his daughters, that have recently freshened—and are now on test.

Hurds Veeman Hengerveld at 2 years 2 months has to her record 21.26 butter, with 465.8 lbs. milk.

Hurds Korndyke Beets at just 3 years of age with the first 28 milkings has 22.67 butter, with 384.4 lbs. milk

Hurd's Princess Korndyke at just 3 years of age, with first calf, has to her record 19.1 lbs. butter, with 431.2 lbs. milk—and they are all gaining.

Also am pleased to announce Hurds Korndyke Segis Johanna at 3 years 4 months of age has a record of 23.34 lbs. butter with 497.1 lbs. milk. Her sire is Pabst's junior herd sire King Korndyke Segis Johanna, and her dam is a 27-lb. 3-year-old daughter of Rag Apple Korndyke 8th.

Thirteen of Hilldale Korndyke Abbekerk's daughters that have freshened to date, at an average of 2 years and 6 months of age, averaged 19.401 butter with 410.06 lbs. milk, and I have every reason to feel that before the winter is over you will hear of greater achievements from this grand sire.

New York. C. W. Hurd.

SOLD BEFORE INK DRIED

Editor World, Sir:

Am writing you to let you know that the yearling bull advertised this week at $800 was sold before the ink was dry. Edwin O. Christman of St. Johnsville, N. Y., came to our farm as soon as he read it and purchased this fine yearling sire, which we consider an exceptionally fine individual of the very best breeding with three nearest dams testing 33.13 lbs. butter, 516 lbs. milk.

Mr. Christman's herd of 30 head is made up of some sisters of Tietje Queen De Kol, the 42-lb. cow, for the foundation stock and several granddaughters of King Pontiac Konigen. He is making plans to start testing this season and will probably start an ad in the World at the same time—and this is just as necessary to the business as the official work. The two taken together spell "Success."

Have also sold the 35-lb. bull advertised to head a herd, that will be heard from a little later on, when we will report this sale.

J. W. Vaughn.

New York.

A GOOD WORD FOR PEQUEST

Editor World, Sir:

We have just received home our heifer that has been at Pequest Farms being bred to King Pontiac Hengerveld Fayne. She was in excellent condition and it is a great pleasure to me to be able to say that she received just as good care at Pequest Farms as she would at home. It is also very evident from her manner that she has been treated kindly. She is the third cow we have sent away for service and is the only one that came home in as good or better condition than when she went.

I, for one, most certainly appreciate this and do not hesitate to recommend Pequest Farms as the place to go for service. I think it worth a great deal to feel that your animal is in good hands and receiving the best of care.

I hope you may see fit to tell your

readers how pleased I am with the care Pequest Farms gave our cow, for it may help or encourage some other beginner. Austin W. Jones.

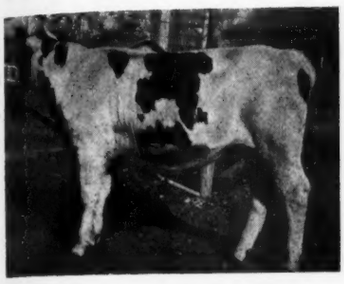
A FORTUNATE PURCHASE

M. L. Jones of Westtown, Penna., has recently purchased a young bull from the D. W. Field Farm Co. that by reason of recent developments stands as one of the very best ever owned in the Keystone State.

The bull in question, now a little over one year of age is sired by Fairview Korndyke Lad from Dutchland Colantha Aaggie Cornucopia, until recently the highest record daughter of Colantha Johanna Lad.

Fairview Korndyke Lad is a son of Pontiac Korndyke from Pontiac Pet, former world champion and herself one of the greatest daughters of Pontiac Korndyke. He has a goodly list of tested daughters up to over 30 lb. and is a full brother to Korndyke Pontiac Pet.

Dutchland Colantha Aaggie Cornucopia has a record of 34.76 lb. butter from 676.4 lb. milk in 7 days and a thirty-day record of 134 lb. butter from 2763 lb. milk in 30 days. She is one



The young bull recently purchased by Mr. Jones. He is a maternal brother to the new 41-lb. cow.

of the twenty thirty-pound daughters of Colantha Johanna Lad and is from Aaggie Cornucopia of Dutchland a 30-lb. daughter of Aaggie Cornucopia Pauline, the first 34-lb. cow of the breed.

But here is where the fortunate part of the deal comes in. Word from the D. W. Field Farm Company advises us that Rag Apple Aaggie Colantha, a maternal sister to Mr. Jones' bull has just crossed the 41-lb. mark with over 700 lb. milk. The bull recently purchased by Mr. Jones is, outside of an own son of the cow, her closest living relative. Not only is he from the same dam but the sire of Rag Apple Aaggie Colantha is also a son of Pontiac Korndyke from a ¾ sister to the dam of Fairview Korndyke Lad.

ANOTHER 30-LB. DAUGHTER FOR RAG APPLE 8th

Another splendid record has just been made by a daughter of our senior herd sire, Rag Apple Korndyke 8th, "The Greatest Bull in the World." This time it is the four-year-old heifer, Fairview Milla Korndyke 2d. Despite the unfavorable weather, this splendid heifer in seven days just closed, made the great record of 31.42 lb. butter, producing 605 lb. milk, an average of 86.4 lb. milk per day.

It is noteworthy that this heifer did not belong to us but is the property of a small breeder who did not have the

DE LAVAL

The World's Greatest Cream Saver

All over the world creamerymen, big milk concerns, dairy authorities and cow owners who have special opportunity for judging the worth of cream separators have for years recognized the superior skimming and all-around efficiency of the De Laval.

That's why 98% of the plants throughout the world separating large quantities of milk use the De Laval. It skims so much closer that they can't afford to use any other machine.

That's why 2,325,000 De Lavals are in daily use, more than all other makes combined.

Not only is the De Laval the greatest cream saver but it turns easier, is easier to wash, has larger capacity and greater durability than any other separator.

The more you know about cream separators the more certain you are to buy a De Laval.

Order your De Laval now and let it begin saving cream for you right away. Remember that a De Laval may be bought for cash or on such liberal terms as to save its own cost. See the local De Laval agent, or, if you don't know him, write to the nearest De Laval office as below

The De Laval Separator Co.

165 Broadway, New York — 29 E. Madison St., Chicago

Over 2,325,000 De Lavals in daily use the world over

time and conveniences to officially test. We had her a very short time before she freshened, not long enough to put her in the condition she should be to do what she was capable of doing, but we are very well satisfied with her showing. It is evident that, given any opportunity at all, the daughters of Rag Apple Korndyke 8th will demonstrate the producing capacity of these wonderful lines of breeding.

Fairview Milla Korndyke 2d is from a daughter of the great old sire Pontiac Korndyke and so has 75 per cent the same breeding as our great world champion junior three-year-old, Rag Apple Korndyke Pontiac, 42.42 lb. butter in seven days. You know that we have intensified the blood of Pontiac Korndyke by breeding Rag Apple Korndyke 8th, who carries 75 per cent of the blood of that famous transmitting sire, to cows sired by Pontiac Korndyke. We believe, if you have a good thing, follow it up, and the splendid records made by the heifers of this wonderful producing strain is evidence that we are on the right track. Pine Grove Farms.

A BULL OFFERING IN KANSAS

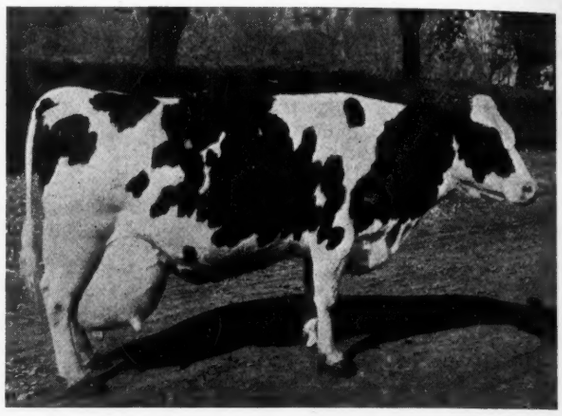
The U. S. Disciplinary Barracks at Leavenworth, Kansas, is building up a high class herd of purebred Holsteins under the direction of Capt. Harlo Fisk. Announcement is made that an offering of purebred bulls will be made at the farm colony on Feb. 15th, which should be a matter of interest to dairymen and breeders in the corn belt.

LAKESIDE DAIRY TO THE FRONT

Lakeside Dairy in Michigan has recently completed two records creditable to the cows, the owners and their state. Weedie Queen De Kol has just made 27.91 lbs. butter from 713.5 lbs. milk and Canary Johanna Nig Lass has for the second time crossed the 30 lb. mark with 711 lbs. milk while still another 4-year-old in the herd has made 29.71 lbs. butter from 617 lbs. milk. The Lakeside herd though numbering but 35 pure breds is made up of the very highest quality and is headed by a son of King Segis Pontiac Alcartra and Barbara Pietertje Butter Boy, a 32 lb. cow. The buildings are within the limits of the city of Lake Odessa and the owners, Messrs. Weed and Ruehs, are very optimistic about the future of their establishment.

ONE OF THE BREED'S GREAT COWS DEAD

Lady Perfection Korndyke, the first 40-lb. cow having a 1000-lb. year record died recently at Turkey Creek Farm, Colorado Springs, Col. She has been a grand champion show ring winner in her state and also held the state championship for butter production for some time in both the 7-day and yearly divisions. Her figures are 40.25 lbs. butter, 726.7 lbs. milk 7 days, 161.01 lbs. butter and 3013.4 lbs. milk in 30 days. Her year's record stands at 1046.12 lbs. butter and 27008.4 lbs. milk. She is a daughter of Pontiac Korndyke Hengerveld De Kol and carries 100 per cent the same blood as King of the Pontiacs. She was bred by Ira S. Jarvis, Hartwick Seminary, N. Y., was developed by Dr. Hubert Work, Pueblo, Col., and passed her declining days in the herd of Spencer Penrose at Turkey Creek Farm. Her son, Woodcroft Perfection, is owned by a company of breeders at Waukesha, Wis., while one daughter remains in the Penrose herd.



LADY PERFECTION KORNDYKE
The first 40-lb. cow to have a 1000-lb. year record. She was also a grand champion show cow. Her recent death at Turkey Creek Farm, Colorado Springs, Colorado, is a real loss to the breed.

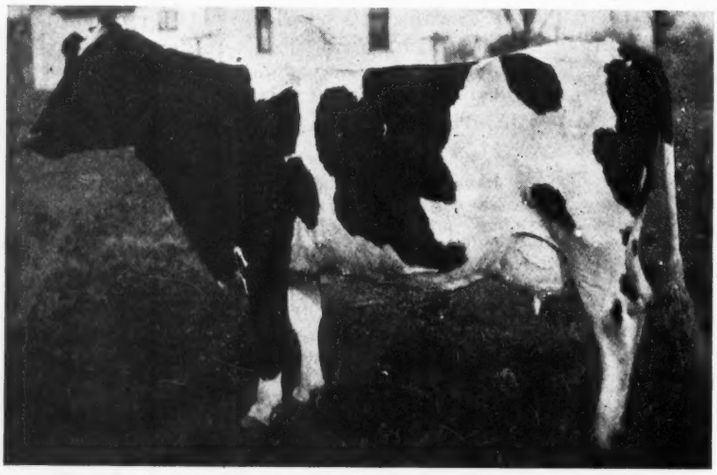
IS FOUNDING A HERD

Editor World, Sir:

I have sold to Clarence J. Waite of Warsaw bull calf out of Lady Twisk Jacoba sired by King Julius Lyons who is a son of King Lyons and out of Segis Julia Princess, the highest record daughter of King Segis, 35.73 lbs. butter in 7 days, also Aaggie Burke Soldene who has 20.76 lbs. as a 4-year-old. She is a granddaughter of Soldene Clothilde Artis, the grand champion bull at the Pan-American and is a grand individual. These animals are for the foundation of his herd. Mr. Waite is a good judge of cattle and has been handling registered Jerseys, but has picked the good old Black and White.

Walter M. Buck.

New York.



WEEDIE QUEEN DE KOL
One of the members of the Lakeside Dairy that has recently completed a record of over 27 lbs.

CHAMBER OF COMMERCE IN BULL CAMPAIGN

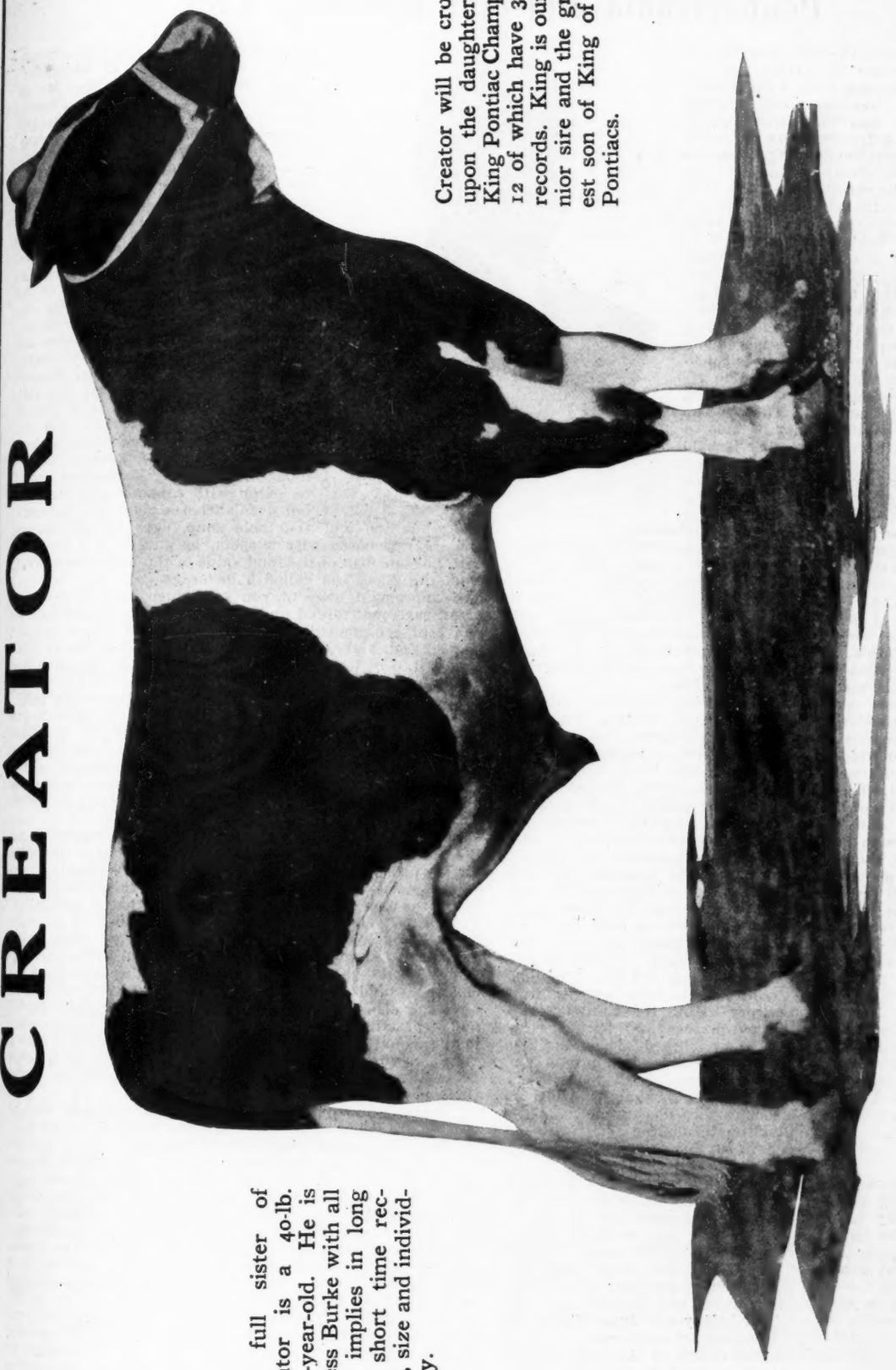
The business men of LaCrosse, Wis. appreciate the fact that the prosperity of the dairymen of their county has a vital effect on their own business success. Accordingly in co-operation with the Wisconsin Live Stock Breeders' Association this organization has inaugurated a campaign to place a purebred bull on every farm in the county. To stimulate interest in the project, the Chamber is offering a purebred bull calf to the school district in LaCrosse county first showing 100 per cent efficiency in the use of registered purebred bulls. The prize calf when awarded will be sold at auction, the proceeds to be invested in the best agricultural reference books obtainable for the school library.

We Can Be Thankful

A war that lasts four years or five
Is worse than claimed by Sherman.
But, oh! It's good to be alive
Ant NOT to be a German.

—New York Tribune.

CREATOR



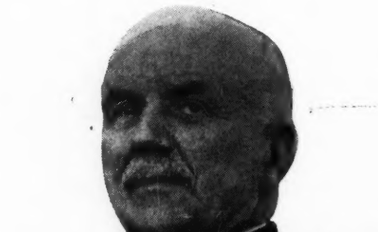
The full sister of Creator is a 40-lb. four-year-old. He is a Bess Burke with all that implies in long and short time records, size and individuality.

Creator will be crossed upon the daughters of King Pontiac Champion, 12 of which have 30-lb. records. King is our senior sire and the greatest son of King of the Pontiacs.

PABST STOCK FARM Oconomowoc, Wis.

Dept. F

Address of President Aitken Before Members of the Pennsylvania Holstein Breeders' Club



THE Holstein-Friesian breeders of Pennsylvania in having the National meeting held in their state in June next, have assumed a great responsibility, and they must realize what is expected of them by the members generally throughout the country.

Since the meetings have commenced to alternate between the East and the West, the attendance, the interest, and the magnitude of each meeting has far exceeded the year previous, and it is up to you breeders of Pennsylvania to prepare and demonstrate that the good work is going to continue, that you men of Pennsylvania are equal to the emergency, that you are equal, with the increasing prestige of the Association to excel in attendance, in enthusiasm, and in results, any meeting that has ever been held by the Association. There is no reason why you should not be able to do it. When the next meeting is held there will be practically 2,000 more members than there was a year before, and the increased interest in Holstein-Friesian breeding has increased in greater proportion than has the membership.

This is a great institution this purebred livestock association to which you belong, and it is an honor to the breeders of any state to have its annual meeting held within its precincts. I have no fear myself but what it will be a success; I believe the breeders of Pennsylvania are interested, that they have pride in their business and pride in the Association, and that it is only necessary to create interest and enthusiasm sufficient so that your membership will attend the meeting at Philadelphia.

There never was before occasion for such interest among the breeders of the black and whites. Your animals are becoming famous the world over, and in every country under the sun where dairying is appreciated, and where dairy animals are desired, the black and whites have the call. There is at present in the United States representatives of the French Government, of the Belgium Government, and of the Panama Republic looking for Holstein-Friesian cattle, and before this meeting is held in June next there will have been thousands of animals purchased for export. While we are anxious that our breeders shall receive good prices and will be pleased with the sales they make, we must realize that the good name of this Association is at stake, and all of us lend our effort to see to it that the animals that are exported are a credit to the breed and will be an advertisement, an inducement, for the sale of others. Unfortunately for the Holstein Friesian breeders of the country there have been inferior animals sent into new territory within the United States that have discouraged the purchasers and brought into disrepute the black and whites as a breed. These animals oftimes were not only inferior in type and in production, but were diseased and were a menace to the community that purchased them. My contention is that it is just as much the duty of this Association to discourage and stop wherever possible such illegitimate dealing as it is to aid and assist honorable breeders in the disposition of their animals.

The Holstein-Friesian Association of America has been lending every possible effort within its power to help blaze the way to progressive, permanent, and profitable dairying. The business in the past has been carried on in a haphazard, go-as-you-please method, some periods profitable, but generally not. There has never been any stability about the business, the dairy products might bring a good price in August, September and October and produced at a loss in March, April, May and June. There has never been any stability to the market and largely because the general public had no knowledge of the value of our product, or the uses to which it could be put. The dairymen themselves have not appreciated the value of the product they produced. I have spoken about it so many times that I am ashamed to reiterate it here, but this want of information about the dairy products was just as general among the producers as among the consumers in the great centers of population. There has never been any well directed effort to inform the consumers of the value and necessity of the use of dairy products. I apprehend there is not a first class hotel or restaurant in the State of Pennsylvania but what if you took the menu you would find under the "eats" clear bouillon, vegetable soup, or other edibles of like character; down at the bottom of the menu among the "drinks" you will find coffee, milk, tea. Under the "eats" you find bouillon and vegetable soup, under the "drinks" milk, while the chances are there is nothing on the menu that has such great food value as the milk. Still, it is considered a beverage, and the clear bouillon is considered a food. Simply for want of information this milk you produce, gentlemen, should be eaten with a spoon as a food and not drank from a glass as a beverage. Clear bouillon and vegetable soup, even though strained and clear is eaten with a spoon because it is a food, and with not one-fifth of the food value of the milk that is drank from the glass and called a beverage.

I apprehend none of you gentlemen have ever seen a menu card with bread and milk printed as a food upon it, and still economically and as a balanced ration, and for health and vigor, there is no combination known that equals it. I believe most of you gentlemen would agree that while it does not appear upon the menu cards furnished by the United States Government to the travelling public in its dining cars, that it would be greatly preferable to some of the meals they do furnish and charge $1.00 for. That is because the Government officials are like the general public, they have never been informed of the value of this product you dairymen have been producing, and whose fault is that? It is to your interest to advise people of the value of what you have to sell.

We must instill in the minds of those responsible for the nutrition of the people the need of educating the public for its own betterment. We must in every locality everywhere insist that the public schools of this country shall teach the need of nutritious food and what it consists of. Prof. E. V. McCollum has produced a work on nutrition for sale by Macmillan & Company of New York, giving a history of hundreds of experiments and tremendous research work which, if brought before the schools of the country would benefit humanity to a greater extent than anything else that could be encouraged among the public, and if practiced would reduce the mortality among infants in this country, I believe, more than fifty per cent. Such a result is worth striving for aside from the benefit it would be to those engaged in dairying by increasing the use of their product.

There is no question but what for the next year or two we are going to have tremendous demands for the dairy products for export, but it is during this period that we must work out our problems, not alone gentlemen, for the benefit of the industry but for the benefit of the race. There is no way that the human race can be improved as to increase the consumption of milk among children.

I believe, also, that we have to realize that this dairying is a business proposition and one that requires the highest intelligence, the most accurate information, and the most indefatigable industry of any occupation in the world, and without all of these we are bound—some of us—to fall by the wayside. You must on your little plants at home study the problem of production, how you can increase the output and how you can reduce the cost. You might be able to increase the production and decrease the cost to quite an appreciable extent by simply giving your cows

(Continued on page 34.)

Carnation Stock Farms

announce the purchase of

AVON PONTIAC ECHO

(another son of May Echo Sylvia) as herd sire on their Oconomowoc, Wisconsin Farm. Our herds under Federal test.

Avon Pontiac Echo
No. 203055

2 A. R. O. daughters—
Echo Grisela De Kol, 2 y 21.22
Milk 284.70
Lady Rag Apple Echo, 24 mo. 18.38
Milk 403.70
The records of his dam and his sire's dam average:
Butter 7 days 36.36
Milk 777.90
Butter 30 days 149.57
The records of his four nearest dams average:
Butter 7 days 33.49
Milk 720.30

His sire has 49 tested daughters on the Record of Merit. every one making her record in heifer form. His highest record daughter is a 34-lb. three-year-old while his list of 20-lb. daughters include nine with records from 20 to 28 lbs.

His dam, MAY ECHO SYLVIA, is the World's Champion Milk Producer. holding all world's milk records from one to one hundred days. She produced over 1000 lbs. of milk in a week, and over 4100 lbs. in a month, and averaged 128.98 a day for 100 days. For the fourth time she has made better than 33 lbs. of butter, and produced in excess of 750 lbs. milk—three of the four times she has produced in excess of 850 lbs. milk. Her four records, made since the age of 4 years, 1 month, average 834 lbs. milk and 37.21 lbs. butter, which records are unequalled by any other cow.

His dam's sire has a list of 30 tested daughters. The records of MAY ECHO SYLVIA and LAWN CREST MAY ECHO POSCH are particularly worthy of mention, as they are full sisters, and are the only full sisters in the world that average over 37 lbs. butter and 853 lbs. milk in seven days, and 153.94 lbs. butter and 3615.6 lbs. milk in 30 days.

His dam's dam, MAY ECHO VERBELLE, is the only cow in the world with four tested daughters, every one of which has produced more than 600 lbs. of milk in seven days, and average 31.54 lbs. of butter from 743.55 lbs. of milk.

MAY ECHO VERBELLE has made a most creditable record herself, making 29.89 lbs. butter from 660 lbs. milk in seven days, and 116.62 lbs. butter from 2676.4 lbs. milk in 30 days. Thus figuring her records with those of her two best daughters, we find they average 788.6 lbs. milk and 34.90 lbs. butter, which milk production is unequalled by any other dam and two daughters. In respect to 30-day butter production, there are but one dam and two daughters that can surpass her, and they by but two-tenths of one pound. The 30-day records of MAY ECHO VERBELLE and her two daughters average 141.17 lbs. butter from 3322 pounds milk and for combined production thus far surpasses any other family in existence, while the average milk record of 726.82 pounds for seven days of May Verbelle and her four daughters is also unequalled by any other family.

King Pontiac Artis Canada, 72294
49 tested daughters
Hillcrest King Pontiac Rauwerd 3½y 34.04
Milk 685.60
Butter 30 days 135.04
Milk 2738.10
Pontiac Allie, 4 y 32.22
Milk 550.1
Butter 30 days 127.42
Milk 2216.60
Pietje Korndyke Queen 2d, 3y 29.61
Lady Waldorf Pietje 2d, 24m 28.49
Hill Crest King Pontiac Countess 3½y 27.77
Natoye Maida Pontiac, 3½y 27.45
Milk 626.50
Pontiac Artis Aaggie, 4y 26.33
Pontiac Sara Jewel B, 4½y 26.94
22 others above 20 lbs.
3 proven sons

May Echo Sylvia, 223725
Butter 7 days, 7y 41.01
Butter 30 days 169.70
Butter 60 days 323.31
Butter 90 days 463.67
Butter 100 days 505.34
Milk 1 day 152.10
Milk 7 days 1005.80
Milk 30 days 4196.90
Milk 60 days 8220.10
Milk 90 days 11,855.10
Milk 100 days 12,898.80
(All world's milk records)
Butter 7 days, 8 y 37.60
Milk 852.20
Butter 7 days, 6y 36.33
Milk 874.70
Butter 7 days, 4y 33.94
Milk 759.00

King of the Pontiacs, 39037
240 A. R. O. daughters—
K. P. Pontiac Lass 44.18
Butter 30 days 171.50
Idleaze Pontiac Lass, 4y 42.50
K. P. Diona Pietertje 40.15
Milk 825.60
K. P. Idyl Segis, 4y 35.57
K. P. Mercedes Prilly, 3½y 34.25
K. P. Tola 34.03
K. P. Ruby Pietertje 33.37
22 others above 30 lbs.
138 others above 20 lbs.
145 A. R. sons
55 30-lb. granddaughters

Pontiac Artis, 61114
Butter 7 days 31.71
Milk 550.00
Average fat 4.61
Butter 30 days 139.43
Milk 2488.50
Butter 365 days 1076.91
Milk 21,834.70
Average fat 3.94
She has won $296 in prize money from the Holstein-Friesian Association.
3 A. R. sons
Full sister to:
Pontiac Jewel 37.82

Inka Sylvia Beets Posch, 5563C
30 tested daughters—
May Echo Sylvia 41.01
Milk 1005.00
Butter 7 days, 8y 37.60
Milk 852.20
Butter 7 days, 6y 36.33
Milk 874.70
Butter 7 days, 4½y 33.94
Milk 759.50
Lawncrest May Echo Posch 33.78
Milk 701.10
14 others above 20 lbs.
6 proven sons

May Echo Verbelle, 5320C
Butter 7 days, 10 y 29.89
Milk 660.00
Butter 30 days 116.62
Milk 2676.40
Butter 7 days, 4y 27.15
Milk 702.20
4 tested daughters—
May Echo Sylvia 41.01
Milk 1005.80
(World's milk record)
Lawncrest May Echo Posch 33.78
Milk 701.10
May Echo Keyes 28.18
Milk 663.50
May Echo Darkness 21.67
Milk 603.70

Pontiac Korndyke, 25982
147 A. R. O. daughters
2 with records of 42 and 47 lbs.
17 others above 30 lbs.
68 others above 20 lbs.
110 A. R. sons
5 40-lb. granddaughters

Pontiac Lunde Hengerveld, 51585
Butter 7 days 28.41
Milk 559.80
Butter 30 days 114.82
Milk 2405.20
One A. R. O. daughter.
One A. R. son.
Three 40-lb. granddaughters.

Hengerveld De Kol, 23102
116 A. R. O. daughters
10 above 30 lbs.
69 others above 20 lbs.
66 A. R. sons
85 producing daughters
49 30-lb. granddaughters

Pontiac Clothilde Inka, 44452
Butter 7 days 20.36
4 A. R. O. daughters—
Pontiac Artis 31.71
Butter 30 days 129.43
Pontiac Jewel 30.73
Pontiac Leda, 3½y 24.67
One A. R. son.

Sir Alta Posch Beets, 3926
12 tested daughters—
Pet Posch De Kol, 4½y 38.54
(Canadian Champion in her class)
3 others above 20 lbs.
5 proven sons
One 41-lb. granddaughter.

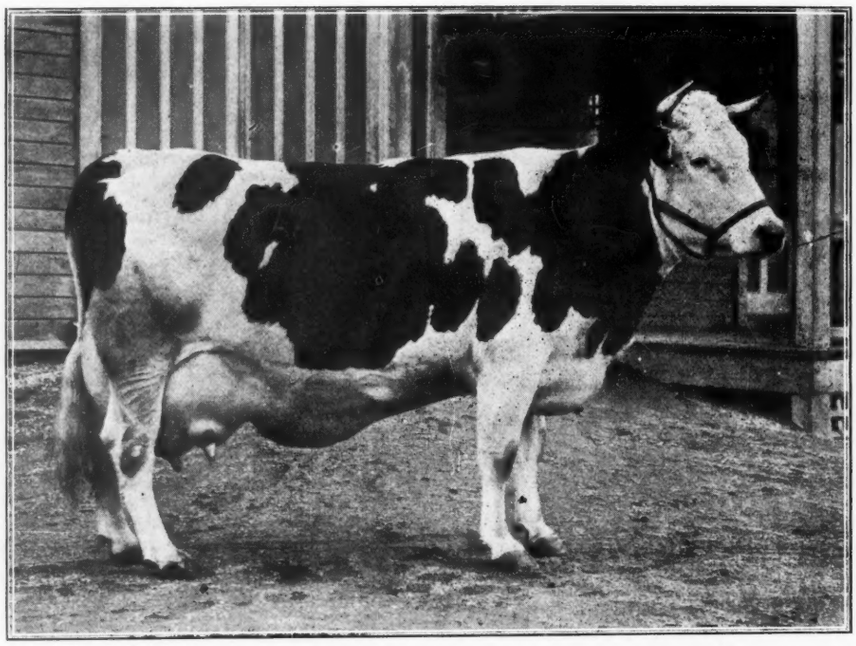
Inka Sylvia De Kol, 2605
Butter 7 days 26.05
Milk 605.80
3 A. R. O. daughters
2 A. R. sons

Verbelle 4th's County Calamity, 2574
10 tested daughters—
May Echo Verbelle 29.89
Milk 660.00
One other above 20 lbs.
4 proven sons

May Echo, 2872C
Butter 7 days 11 yr 31.31
Milk 726.60
Butter 365 days 1042.05
Milk 23,707.00
4 tested daughters—
May Echo Verbelle, 10y 29.89
Milk 660.00
Lawncrest May Echo 26.10
Milk 635.40
Riverdale May Echo Lyons, 4y 24.55
2 proven sons

A few approved cows will be accepted for service to Avon Pontiac Echo.

MOYER'S HOLSTEIN SALE, SYR



PIETER ELIZA LYONS—A daughter of a 29-lb. cow to be sold.

2 2 8

Consigned by

H. A. MOYER	47 Hea
Claude E. Trinder	36 Hea
Oneida Community	28 Hea
E. C. Brill	14 Hea
John Fuggles	12 Hea
Otto L. Ives	12 Hea
John Walrath	10 Hea
John Arfmann	9 Hea
A. L. Brockway	8 Hea
C. L. Amos	8 Hea
R. M. Stone & Son	8 Hea
George Abbott	8 Hea
Delos Thompson	7 Hea
W. H. Mace	7 Hea
M. E. Woodworth	5 Hea
W. Harold Crowell	5 Hea
Francis M. Jones	4 Hea
R. C. Melvin	4 Hea
Wm. Cox	1 Hea
Harry W. Campbell	1 Hea
C. W. Ellis Jr.	1 Hea

Study This Partial List of the Offerings and Think What It Will Mean to Buy Them!

A son of OTEGO VALLEY CHRISTMAS BELLE	40.15
A son of FAIRVIEW KORNDYKE HENGERVELD 3d	39.28
A son of FAIRMONT ZERMA SEGIS PIETJE	35.61
A daughter of SEGIS ISABELLA	34.63
A daughter of BEAUTY DE KOL PERFECTION	33.66
A daughter of GYPSY LYONS	33.63
A daughter of JOHANNA HENGERVELD BEETS	33.19
A son of HILLDALE SEGIS	33.17
A son of INKA DENVER SEGIS	32.15
A son of QUEEN PONTIAC GALE	32.03
A daughter of K P LILITH BOON	32.22
A son of SPRING FARM PONTIAC LASS 2d	32.18
A daughter of HILLDALE ROSA SEGIS	31.57
A daughter of NELLIE CONCORDIA DE KOL	31.46
A daughter of SPRINGDALE ONONIS VALE	31.22
A daughter of K. S. P. RUBY	31.07
A 30-lb. daughter of SEGIS PIETERTJE ELIZA	31.06
A daughter of FLEET ARTIS KORNDYKE	31.00
A daughter of HENGERVELD KORN. PIETERTJE	30.93
A son of SPRING FARM AGATHA PONTIAC	30.87
A daughter of NUDINE LYONS DE KOL	30.72
A daughter of SPRING FARM AGATHA PONTIAC	30.67
A daughter of CLEOPATRA LYONS	30.45
A daughter of MONA FAYNE BURKE	30.34
A daughter of MONA FAYNE BURKE	30.34
A daughter of META HENGERVELD	30.15
A daughter of TOBE DE KOL PET 2d DOROTHY	30.14

BEAUTY WALKER LYONS—A 16-lb. 2-year-old to be s

Daughters of —

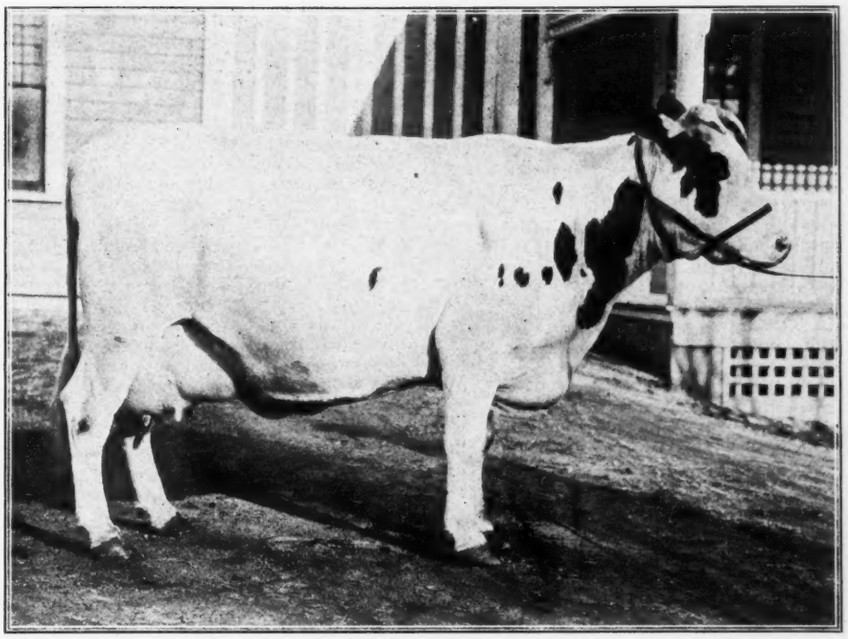
King Segis Pontiac Alcartra
King Lyons
King of the Pontiacs
King Joh
King Pontiac Veeman Hengerveld
Judge Segis Lyons
King Segis Champion
Spring Farm King

SYRACUSE, N. Y., FEBRUARY 18-19-20

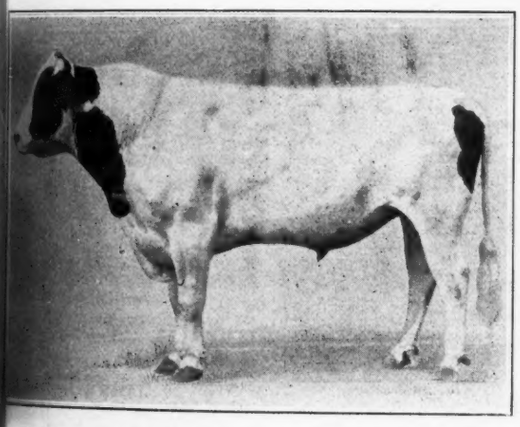
8 HEAD

Guaranteed Under 60-Day Retest

3 Big Days



TOBE KORNDYKE DE KOL HENGERVELD—A 29-lb. cow to be sold.



ORMSBY LILITH CLOTHILDE—A brother to King Segis Pontiac Count. Cows in calf to him.

The catalog is about ready for distribution. If you are interested in securing some of the very richest bred Holsteins in the world send for a copy and come prepared to see one of the greatest aggregations of Holsteins ever offered the buying public.

Study This List Also

A maternal sister to "The Great White Heifer," Ormsby Jane Segis Aaggie, the only cow that has twice made better than 40 lb.

A 28-lb. five-year-old sister to a 37-lb. cow.

Twenty daughters of the great King Lyons.

Twelve daughters of the great King Joh.

Nine sons and daughters of King Segis Pontiac Alcartra.

Twenty-seven sons and daughters of cows with records of 30 to 40 lb.

A son of a 32-lb. daughter of K P Pontiac Lass the first 44-lb. cow.

Thirteen daughters of Dutchland Pietertje Sir Creamelle that is from a daughter of Creamelle Vale, the former world champion milk cow.

A daughter of the great King of the Pontiacs from the highest record daughter of King Segis Pontiac, the newest century sire.

A sister to May Echo Sylvia, the greatest milk producing cow and only one of the breed to produce over 1000 lb. milk in a week.

No sale ever held has contained so much of the blood of King Segis. Two thirds of the entire offering traces directly to him.

It is a sale you cannot afford to miss. There will be offered animals that ordinarily could not be bought at any price and represent years of effort in breeding for the very best.

H. A. MOYER Sale Director Syracuse, N. Y.

WORLD'S RECORD UP A POUND

(Continued from page 20.)

which has now developed six 40-lb. cows in the past two years.

On her record breaking test Katie ate about 22 lb. daily of the following grain mixture:

200 lb. bran, 200 lb. distillers grains, 125 lb. yellow gluten, 125 lb. ground oats, 100 lb. cotton seed, 80 lb. oil meal, 15 lb. salt, 10 lb. charcoal.

In addition she consumed daily about 100 lb. of beets, 16 to 20 lbs. silage, with beet pulp and alfalfa hay. Abbott & Clark are fortunate in having two beautiful young daughters of the new champion.

ADDRESS OF PRESIDENT AITKEN

(Continued from page 30.)

warm water to drink, because it has got to be heated either by the food you give a cow or by fire before the cow gets it, and I believe that coal or wood is cheaper than corn or barley. If you put a muffler on your automobile you reduce the power of your motor, and if you fail to give your milking machine air and plenty of it, through ventilation, you have reduced her efficiency and productive capacity. If you permit your animals to stand out in the cold winds of fall and winter when you could as well have put them in the barn, you have wasted whatever food it took to generate the heat to overcome the cold to which they were subjected. Your milking machines will operate to the greatest efficiency under conditions that give them plenty of air, but not subject to draft or intense cold. This applies with equal force to the grade as well as the purebred.

With you breeders of purebred animals much is to be expected. You are supposed to be the leaders in the dairy industry, you are supposed to be the leaders in your community. It was supposed to be an evidence of intelligence when you first attempted to improve your herd by using purebred sires, and when you had intelligence to observe it, determined to get the best, and purchased or bred registered stock, you gave evidence of your fitness to engage in the dairy industry, and we have a right to assume that every breeder of Holstein-Friesian cattle, particularly every member of the Holstein-Friesian Association of America, is an intelligent, reasonable man and a leader in thought and effort in the community in which he lives. Taking that for granted the Holstein-Friesian Association of America has been setting the pace in purebred livestock breeding, not only in the number but in the quality as well, and for milking machines there is no question any more as to the proper kind to have. When I was a boy they used to say the Holstein-Friesian cow gave a lot of milk but she would not make much butter. We never hear these remarks now from persons who are familiar with results. This great breed of ours stands at the head in production of everything that goes to make the dairy industry a success. The production at the present time is so much in excess of what we ever dreamed was possible ten years ago, that we have thrown off the limit and there is no way of estimating, or even imagining, what the future has in store for this wonderful breed.

I am particularly interested at this time in calling your attention to a work that the Association has taken up in an effort to advise the purchaser, particularly those who are buying for export, where the animals can be found. The Association will have a representative at some point near the City of New York, accessible to those buying for export, and it will be the effort of the Association to have listed there every Holstein-Friesian animal in the United States that is for sale, owned by a member of the Association, with all information possible, so that if it is desired by any one to purchase an animal there will be some place where it will be possible for them to get the information. There is only a limited number of animals for sale at most, these are in various parts of the country, and it would be practically impossible for a man who wanted to purchase a herd of up-to-date dairy cows, purebred Holstein-Friesians and registered, to know where to go, and he might spend half as much money as the herd was worth in looking them up. The Association is going to undertake to remove this difficulty; it is going to undertake to put every member of the Holstein-Friesian Association in touch with those who desire animals, and give the purchaser the information that the breeder has without putting him to the expense of travelling all over the country. The success of this movement is going to be largely upon you breeders. You should not only give notice to the representative of the Association what

(Continued on page 52.)

Three Young Bulls

Between 9 and 14 Months of Age

Two are sons of JUDGE LYONS whose 7 nearest all have records better than 28 lb., and average over 32 lb. 4 of his 7 nearest dams all have records better than 34 lb. and the average production for milk for the 7 nearest dams for their best day is nearly 100 lb., and this can also be said of his 10 nearest dams.

Both of these bulls are sons of young A. R. O. daughters of KING OF THE BLACK AND WHITES, with whose breeding you are all familiar. One of these youngsters is nearly all white and his 7 nearest dams average 29.66 lb. His 15 average 30.52 and 27 of his 31 average 29.64 lb. The other is more black than white and his 15 nearest dams average 30.49 lb.

The 3d is a young son of KING RECORD. He is about evenly marked and 29 of his 31 nearest dams average over 30 lb. The dam of this youngster is a young heifer, not yet tested and a daughter of Clara Colantha Clothilde, a 29-lb. daughter of the old cow, Clarissa Clothilde Pietertje, record 32.52 lb. The two latter cows have given over 100 lb. of milk each in a day and the dam of the bull calf is a very promising heifer. She will freshen another winter when we expect to put a good record on her. Her dam, Clara Colantha Clothilde is due in Feb., and we feel confident she will far exceed the 30-lb. mark.

Anyone desiring a great bred youngster and one that will transmit his good qualities should carefully consider these bulls for they will be sold at a bargain.

A. A. HARTSHORN HOL. CO.

HAMILTON NEW YORK

WOODCROFT PERFECTION

No. 19944

Stands Today as One of the Best Bred Bulls of the Breed

—WHY—

(1) He is bred right. His dam is Lady Perfection Korndyke 144572.

At 6 years 7 months 7 days she has
Butter 7 days 40.25
Milk 726.70
Butter, 30 days 161.01
Milk 3013.40
At 5 years 1 day—
Butter 7 days 37.41
Milk 704.10
Butter 30 days 143.73
Milk 3198.10
Butter 365 days 1046.12
Milk 27008.40
At 2 yr. 9 mo. 20 days—
Butter, 7 days 18.67
Milk 535.10

She is one of the only three cows in the world to have 40 lbs. 7 day and 1,000 lbs. yearly records..

Woodcroft Perfection's sire is Champion De Kol, a son of the wonderful producer and show cow, Aaggie Pauline Sarcastic. (36.35 lbs. butter, 619.9 lbs. milk in 7 days.)

(2) Woodcroft Perfection carries the individuality of his ancestors and weighs 1800 lbs. at 2 years, 1 month.

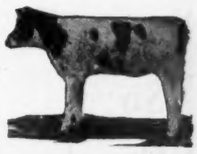
(3) He is a prepotent sire. His calves carry the size and individuality of their sire.

We now for the first time offer for sale, several of his bull calves from 2 to 6 months old and from our best cows. Priced low for quick sales.

Herds tuberculin tested and on accredited list.

Write soon or better come and see them.

Owners { AITKEN BROTHERS, BAIRD BROTHERS, S. A. BAIRD & SON
MUCKLESTON BROTHERS and D. J. HOWELL, Waukesha, Wis.



DAISY HILL KORNDYKE KING 236759

Born April 17, 1918

Sire: **Maplecrest Pontiac Burton**, a son of Pontiac Aaggie Korndyke and Lady of Burton De Kol.

Dam: **Pauline Brightview** a granddaughter of Mutual Pietertje Paul with these records:

Butter 28.35
Milk 582.10
Butter 108.62
Milk 2362.60

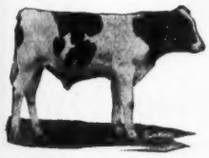
Pauline Brightview, one of the greatest cows in the Daisy Hill herd, is now on year test, strictly official, and in 192 days has produced 641 lb. butter and 15266 lb. milk. She should make close to 1200-lb. for the year. She is the dam of our herd sire, King of the Pontiacs Son therefore you may judge our opinion of her.
This youngster is about evenly and very nicely marked.
Photo and pedigree on application.

DAISY HILL FARMS

JAS. A. REYNOLDS

Chagrin Falls **Ohio**

UNCLE SAM INSPECTS OUR HEALTH



EVERY ONE A DAISY

THE LEAVENWORTH COUNTY SALE OF HOLSTEIN-FRIESIAN CATTLE, LEAVENWORTH, KANSAS

February 13-14, 1919

100 Head of Pure Breds 100 Head of High Grades

On THURSDAY, February 13th, 100 head of heavy milking grade cows and choice bred heifers fresh or close springers will be sold; these cattle are being dispersed by LEAVENWORTH COUNTY FARMERS to make room for pure breds, and are a fine lot of grade cattle. This is an opportunity for the buyer of car load lots.

On FRIDAY, February 14th, 100 head of the best registered cattle; this offering will consist of consignments from the herds of A. S. Neale, Manhattan, Kansas, and Mott Bros., Herington, Kansas, together with the entire dispersal of the M. E. Moore & Co. herd of Cameron, Mo., the latter being sold to settle the estate. This will be, without doubt, the greatest dispersal sale ever held west of the Mississippi River. This herd was founded by the late M. E. Moore nearly forty years ago, and has always been conceded to be the leading herd of the Central West; it has furnished foundation stock for many famous herds both east and west, including the Pontiac, Michigan, State Hospital herd, that gave to the breed Hengerveld De Kol, Pontiac Korndyke and other famous sires.

The Moore herd produced and exhibited the champion show herd at the St. Louis World's Fair; it also produced Shadybrook Gerben, the great cow that at 12 years of age was champion over all breeds for production of both milk and butter in the St. Louis World's Fair production contest; the only living daughter together with several granddaughters of Shadybrook Gerben are included in this dispersal sale. Another offering of particular importance from the Moore herd is the great show and breeding bull, DIOTIN CLYDE CORNUCOPIA LAD No. 150537, affording an unusual opportunity for a breeder or group of breeders to secure a high class herd bull.

Note—The U. S. Disciplinary Barracks will sell 40 head of pure bred Holsteins in the same building on Saturday, February 15th—arrange to attend both sales.

In this sale 20 A. R. O. cows, 40 daughters of A. R. O. cows, 20 daughters of 30-pound bulls, 50 cows and heifers, many heavy springers safe in calf to high record bulls, 20 fresh cows, 15 heifer calves and a few choice young bulls from 30-pound sires and A. R. O. dams, granddaughters of Hengerveld De Kol, Pontiac Korndyke, Johanna McKinley Segis, Tidy Abbekerk Prince, King of the Pontiacs and other famous bulls, every animal, both grade and purebred tuberculin tested, sale held in comfortably seated and heated pavilion, sale to start at 10 a. m. each day.

For catalog of this sale, write W. H. Mott, Sales Manager, Herington, Kansas.

Auctioneers: J. E. Mack, Fort Atkinson, Wis., and others. S. T. Wood, Liverpool, N. Y., in the box.

Just Watch The Home Stretch—That's All

(His Daughters Are Just Starting)

Sir Ormsby Skylark

One is Long Distance Champion of the World

The 30-lb. Daughters are just arriving in numbers.

He will have at least 100 more to start.

WATCH That's All

MAXWELL FARM Waterloo, Iowa

Making Holstein History

During the past two years we have developed **Six 40-lb. Cows,** including the World's Champion 44-lb. 9-year-old and the new World's Champion 44.61 lb. junior 4-year-old—also 20 cows above 30 lb.

We now have in our herd of 130 head

2 40-lb. cows
13 cows above 30 lb.
11 daughters of 40-lb. cows
2 sons of 40-lb. cows

Our senior herd sire, Cornucopia Korndyke Pontiac, a 33-lb. son of Pontiac Korndyke has a grand lot of young daughters up to over 36 lb. at 3 years and higher record ones in prospect. We have about 50 of his daughters in the herd.

Next time we will tell you about our consignment to the Moyer Sale at Syracuse—and a little later some of the high class young bulls that we can offer.

In the meantime—

Keep watch of the announcements from our herd.

ABBOTT & CLARK

Cortland, N. Y.

30
TO
100

WANTED!

During the next few months, we shall be in the market for the above number of straight, typey, well-grown registered Holstein heifers of twelve months and over. A. R. O. backing desirable but not essential. We are prepared to pay according to breeding and quality.

Offerings from Federal and State Accredited Herds Will Receive First Consideration, Others Must Furnish Unquestionable Proof that Herds Are Free from Tuberculosis and Abortion and Sell Subject to 60-day Retest by Federal Authorities.

TOYON FARM ASSOCIATION

679 Mills Building San Francisco, Cal.

(Continued from page 21.)
may be realized by properly crossing unrelated strains. There are breeders who give greater attention to type and production than they do to the hashing and re-hashing of old established lines. Candidly, I believe that is what every man would do if he dared. Our records and blood lines are the other man's protection against fraud. Hence we will do all we can to convince the other fellow that our cattle are of the very best. But in order that our cattle may be the very best we will do as follows:

1. Stop inbreeding and stop advocating it.
2. Eliminate as much as possible the incapable blood.
3. Butcher bull calves whose dams do not make good.
4. Hold as closely as possible to a given type.
5. Intensify the lines of breeding that are succeeding by following up both along direct and along collateral lines.
6. Link up in our breeding with as many great animals as possible.

SUMMARY OF OFFICIAL TESTING IN WASHINGTON

The report of H. N. Colman, Supt. of official testing for the state of Washington shows that during the month of December eleven of the seventeen Holstein cows in the state making year records produced enough butter fat to secure the honor of mention. This means that practically 65 per cent of the Holsteins on test exceeded the requirements for honorable mention. During the same month, 82 Jerseys were on test for year records, about 40 per cent of them winning honorable mention.

The summary for 1918 shows that for both long time and short time records more Holstein herds were represented than any other breed, there being 32 Holstein, 22 Jersey, 4 Guernsey and 3 Ayrshire herds conducting tests. A total of 2523 tests were conducted which is a slight decrease from 1917, although a creditable showing under the labor and feed conditions that have obtained. The leading producers come from the herds of A. E. Smith, Carnation Farms, F. S. Stimson, H. J. Evans, J. L. Smith and F. M. Svinth.

"What do you think of a man who will constantly deceive his wife?"

"I think he's a wonder!"—Cassell's Journal.

A Few of the Many Combinations to be had at HOLLYWOOD FARM

33-lb. Bull	*35-lb. Bull*	*35-lb. Bull*	*30-lb. Bull*
32-lb. Heifer	*32-lb. Heifer*	*28-lb. Heifer*	*22-lb. Heifer*
35-lb. Heifer	*32-lb. Heifer*	*26-lb. Heifer*	*21-lb. Heifer*
31.3-lb. Heifer	*32-lb. Heifer*	*26-lb. Heifer*	*20-lb. Heifer*
	20-lb. Heifer		

Write for full information, prices and pedigrees to

HOLLYWOOD FARM **Hollywood, Wash.**

One You'd Be Proud to Own—

King Korndyke Pontiac Veeman Vale, a herd sire that any breeder may be proud to own

Born July 25, 1918, a large growthy fellow, having an exceptionally straight back line, broad hips, well sprung ribs, long and deep-bodied and of the type that we all like to see.

His six nearest dams average over 33 lbs. butter in 7 days.

SIRE

King Korndyke Sadie Vale—you all know his breeding and the wonderful records his daughters are making—among the recent records of his daughters is K. K. S. V. Princess Tricksey as a Junior 2-year-old with 28.54 lbs. butter in 30 days from 112.8 lbs. milk. Three more Junior 2-year-olds have made records above 22 lbs. in 7 days and 85 lbs. in 30 days. He now has some promising ones coming on to test.

DAM

Beatrice Korndyke Pontiac Veeman, A. R. O. Butter 30.13 lbs. in 7 days, 116.41 in 30 days. Her sire is Sir Korndyke Pontiac Artis, the sire of 60 A. R. O. daughters, 7 of them above 30 lbs. The dam of Beatrice is Countess Veeman Beryl Wayne, A. R. O. 29.88 in 7 days and 115.85 in 30 days, she being a daughter of the great Sir Veeman Hengerveld with 110 A. R. O. daughters, 16 above 30 lbs.—the most of any living sire. Beatrice has also produced a 32 lb. daughter.

W. D. ROBENS :-: Poland, N. Y.

9 Real Top Notchers

In the Nebraska Breeders' Sale, Feb. 11-12 1919

1. AURAY GELSCHE LYONS—A 5-year-old daughter of the great King Lyons. Her dam is a 23-lb. daughter of King Segis and individually this heifer is one of the finest ever sold in a sale. She is in calf to King Pontiac Konigen and her calf will be worth far more than you will pay for her.

2. BUTTERCUP PIETERTJE WAYNE 3d—A 22-lb. 3-year-old daughter of King Hengerveld from a 20-lb. 3-yr-old daughter of Beryl Wayne Pride Beauty. A handsome cow, due right after the sale to King Pontiac Konigen.

3. SALO ULTRA DE KOL 3d—A 15.45-lb. 2-yr-old—a grand individual and sired by a full brother to the sire of Niva Kalmuck. She is a granddaughter of o'd Katy Gerben and will be bred to King Pontiac Konigen.

4. AGNES SEGIS WALKER OF CEDARSIDE—A 15-lb. 2-yr-old daughter of that great sire, King Segis Pontiac Combination, with two 30-lb. 3-yr-old daughters. She will be bred to King Pontiac Konigen.

5. BLANCHE SEGIS PONTIAC OF CEDARSIDE—Another A. R. O. granddaughter of King Segis Pontiac and sister to two 30-lb. cows. She also will be bred before the sale.

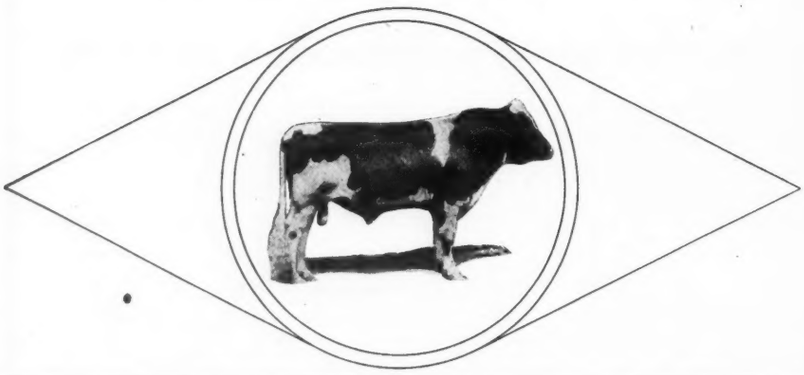
6. AFRIGHT WICKFIELD 3d—A very beautiful granddaughter of Katy Gerben from a 22-lb. cow with a record of most 600-lb. milk. She is in calf to King Pontiac Konigen.

7. AFRIGHT WICKFIELD 4th—A very beautiful thing—sired by a 30-lb. grandson of King of the Pontiacs from a 22.54-lb. dam. She is a maternal sister to Afright Wickfield 3d.

8. MALE CALF—Sired by Peldora De Kol King of the Pontiacs, a 35-lb. bull from a 22.17-lb. 2 year old whose two nearest dams are both 30-lb. cows.

9. KING ARTIS PONTIAC KONIGEN—A six months-old-son of King Pontiac Konigen from an A. R. O. 4 year old now on semi-official test. This is your first chance to buy a son of Nebraska's $10,000 bull from a dam that will have a big year record when this fellow is old enough for use. He is light colored and has the earmarks of a "winner."

WOODLAWN DAIRY :-: Lincoln, Nebraska



WANDAGA

"IT'S OLD IN HISTORY"

WANDERMEERE—ONONDAGA

A Son of the Highest Priced Dairy Cow
A Son of a 42.65 Jr. 4-yr.-old.
His Two Nearest Dams Average 36.54.

Wandaga is unquestionably one of the best individual 40-lb. bulls in service today. His coloring is right, his conformation is right, he is unusually well grown, perfect over the back and rump, deep through the body and sires offspring of the very same sort..

Taking this into account in combination with his breeding (a son of Wandermeere Belle Hengerveld by a grandson of King Segis and Hengerveld De Kol) he is the ideal sire.

WANDAGA HERD W. W. STEVENS Owner **Liverpool, N. Y.**

Ninth Annual Farmers Week Sale

Cornell University, Ithaca, N. Y.

FEBRUARY 14, 1919

The offering this year is headed by Charming Model Glista, a thirty-four pound son of Model King Segis Koningen and will include several well-bred bulls and bull calves and a number of serviceable females, also

Two Pure Bred Percheron Stallions

Catalogues ready February 1. Address

H. H. WING, ITHACA, N. Y.

By

King Lyons

From

Isabella Walker

We Are Offering

Hengerveld Walker Lyons

Born March 31, 1915

One-half white, a good individual. Weighs 2,000 lb. Easy to handle. Sires great calves. He is by King Lyons of Moyerdale Farm (9 30-lb. daughters) from Isabella Walker, a 21-lb. 3-year-old daughter of Isabella Hengerveld, 30.43 who is dam of Segis Isabella with over 34 lbs. His ten nearest dams average almost 30 lbs. Sold to avoid inbreeding.

Price $500

F. O. B. Andover, N. Y.

E. E. CLARKE

Andover, N. Y.

BULL CALF FOR SALE

Bull calf born Feb. 24, 1918. Two-thirds white. Sire is Carlotta Gerben Konig Lyons No. 78922. Dam is Pet Daw Pietertje De Kol No. 306724. Price $75.00.

R. E. HIXON Cedarville, Ohio

Looking for a Good One

Here is one born Aug. 12-18. Dam's record, milk 512 lb., butter 26.72 lbs., one of our very best cows. Sire, Fay Pontiac Altoana, splendidly bred and a fine individual. Calf beautifully marked, straight as a line. Price $100. Five younger ones from good record dams, same sire, prices $25.00 to $50.00.

Write for further information to

EVERY BROTHERS
Homestead Farm Bloomville, N. Y.

STICKLES SELLS SON OF ZADY

H. H. Stickles of Spring Valley Farm, N. Y., reports the sale of a fine young bull to Acme Farm, Middlebury, Conn., and Lakeside Farm, Watertown, Conn.

William Wallace is the owner of Acme Farm while C. P. Harper is the owner of the Lakeside Farm.

The young bull is King Zady Butter Boy, sired by the great bull Butter Boy Artis Clothilde 4th 60915 (16 A. R. O. daughters) 2 above 34 lbs. butter and 700 lbs. milk in 7 days and 137 lbs. butter and 3000 lbs. milk in 30 days. Another daughter has just made 30.06 lbs. butter, 692 lbs. milk at 5 years, 2 months. We still look for more 30-lb. daughters of this bull as they freshen again this winter.

The dam of the young bull is Zady Bergsma 2d Clothilde, 120728. The champion milk cow of the Holstein Association 1915-1916 for both 7 and 30 days. She produced 32.07 lbs. butter, 835.3 lbs. milk for 7 days, 131 lbs. butter, 3,490 lbs. milk for 30 days. Her best 7 days production was 868.9. High day's milk 127 lbs. while she averaged 116 lbs. a day for 30 days.

She has not only proven herself a great producer but has passed her transmitting qualities along to her daughter Zady Bergsma Clothilde De Kol who also won the honors of the Holstein Association as first prize winner on milk for both 7 and 30 days 1915-1916 as a junior 4-year-old. This young cow has made three records inside of 2 years and 43 days as follows:

At 4 years, 2 days: 30.95 lb. butter, milk 710.0 lbs. 7 days.

At 5 years: 119.46 lb. butter, milk 2935 lbs. 30 days.

At 5 years, 13 days: 34.91 lb. butter, milk 759.3 lbs. 7 days, 136.48 lbs. butter, milk 3188 lbs. 30 days.

At 6 years, 40 days: 32.10 lb. butter, milk 775.0 lbs. 7 days.

This remarkable young cow is a full sister to the bull purchased by these gentlemen and we believe his producing qualities will be equally as good as his sisters. Both the dam and daughter will be given an opportunity to increase their records.. Mr. Wallace also selected and purchased from Mr. Stickles herd two fine heifers of royal breeding.

Suggestion for English primer in the German schools: "See the Hun. Can the Hun run? Yes the Hun can run. Run, Hun, run."—Washington Star.

BULL CALVES

Sons of Spring Farm King 5th, the 37-lb. son of Spring Farm King.

Prices from $100 to $500. Tell me what you want to pay. I will give you a bargain.

F. M. PHELPS Newark, N. Y.

Nicely Marked - Good Individuals
$100 Each

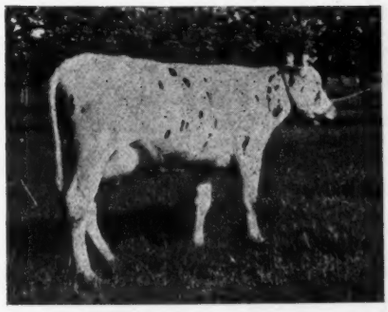
Male Calf—Sire, King Alcartra Butter Boy 165964. Dam, Summit Pauline De Kol 2d.

Female Calf—Sired by son of the 37-lb. cow, Terracelawn Winona and out of a good granddaughter of Beauty Pietertje Butter King.

H. H. Jones Cazenovia, N. Y.

Canada's Offer At Moyer's Holstein Sale at Liverpool, N. Y.

Feb. 18, 19, 20



Born May 23, 1916

Sylvia Keyes, daughter of the great Inka Sylvia Beets Posch, sire of May Echo Sylvia, **World's Champion** and dam of the $106,000 bull, and Burkeyje Inka Sylvia, Junior four-year-old, yearly record milk cow of New Zealand.

The best paternal and the best maternal sister of this heifer average in 7 days, 38 lbs. butter: 1 day, 126 lbs. milk.

In conformation she is easily the best individual daughter of Inka Sylvia Beets Posch. She is bred to Dutchland Colantha Sir Mona, sire of Lakeview Dutchland Artis (43 lbs. butter), **Canadian Record**, and Lakeview Dutchland Calamity Rose (31.71 lbs. butter), **World's Champion** two-year-old with first calf.

Canada can offer you no better.

WM. COX Hamilton, Canada

20 to 25% Bigger Winter Milk Yields

WITH pure, rich milk analyzing 87% water—and with your winter herd *getting only ¼ to ½ of their natural water requirement from icy outdoor tanks*, you can see where cold weather cow-thirst is one of the biggest causes of your year-after-year winter milk shortages. With

Simplex Improved Water Bowls

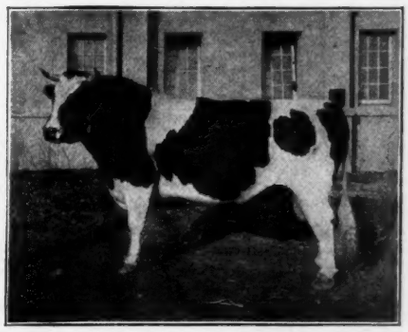
your cows drink "to their hearts' content" day and night. Result—*20 to 25% more milk from every cow all through the housed-in season.* And no more frozen tanks—no tank-heater makeshifts—no more twice-a-day "herding out" periods. *Write for Full Particulars on the Only Drop-Down Water Bowl on the Market.*

Rassman Mfg. Co., 29 Rowell St., Beaver Dam, Wis.

The Only "Drop Clean" Water Bowl Made

Correct Type With Yearly Production

SIR JOHANNA FAYNE 42147



Never mind the 7-day forced butter record. It is the production during the other 358 days in the year under normal conditions that determines a cow's producing ability.

IOWANA FARMS Davenport, Iowa

WINTERTHUR FARMS, Winterthur, Del., and ALLA CHY

Home of King of the Sadie Ves

KING KORNDYKE SADIE VALE

King Korndyke Sadie Vale is the only bull with a 41-lb. dam, a 40-lb. sister and a 40-lb. daughter.

He has not only a 41-lb. dam, but his two grandams were the first cows in the world to make 30 and 37 lbs. butter in seven days.

His dam was the first 41-lb. cow with a 38-lb. daughter, his sire was the first bull of the breed to have produced a 40-lb. daughter, and his sire's dam was the first cow to have produced 1270 lb. butter in a year.

His entire list of tested daughters, at an average age of two and one-half years, averaged for seven days—butter 25.13 lbs.

He is the only sire with four second-calf heifers all exceeding the 31-lb. mark and averaging 34.55 lbs. butter (7 days).

King Korndyke Sadie Vale

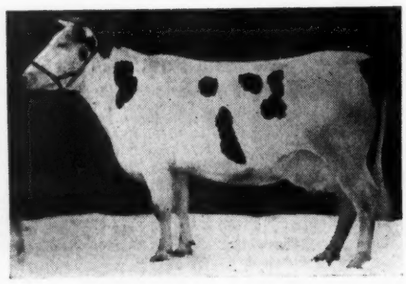
Sire of:
King of the Sadie Vales.

K. K. S. V. TOPSY

Butter 7d (3y)	40.38
Average for each day	5.76
Milk	568.40
Average fat	5.68
Butter 30 days	93.68
Milk	2019.00

K.K S V Topsy is the only three-year-old in the world that ever made 40 lbs. butter after dropping twin calves.

She is a sister to the only twenty-four months old heifer to have made 29 lbs., and both are sisters to King of the Sadie Vales.



K. K. S. V. Topsy

Sister to:
King of the Sadie Vales.

MABEL SEGIS KORNDYKE

Butter, 7d (4y)	40.32
Average for each day (World's record when made)	5.76
Milk	610.20
Average fat	5.28
Butter, 30d	165.21
Average for each day (Present world's record)	5.51
Milk	2695.80
Average fat	4.90

King of the Sadie Vales is a son of Mabel Segis Korndyke's brother and traces to King Segis through Mabel Segis Korndyke's sire.

Mabel Segis Korndyke

Sister to the sire of:
King of the Sadie Vales.

KING OF THE DIE

His three nearest dams average s. butter (ter (30 days).

His dam, grandam and great gr exceed by production of any other three gene of cows, th (30 days). In each case their 30-day re compar seven-day records.

King of the Sadie Vales' dam ble grand ton.

King of the Sadie Vales is bou smit 40-lb his sire and grandsire have done. in his pedi not less than six 40-lb. cows.

King of the Sadie Vales not onl 40-lb. br also from his dam.

No other bull in the world can y of the nine nearest dams for 30 days.

Korndyke Abbekerk
King of the Johanna Lads } .....Al rvice.....

ALLA CHY and TRANQUILLITY FARMS, Allamuchy, N. J.

e les and King of the Ormsbys

THE DIE VALES

average lbs. butter (7 days), 159.51 lbs. but-

great gr exceed by 17.80 lbs. the average
ree gene of cows, they average 146.36 lbs.
r 30-day are comparatively better than their

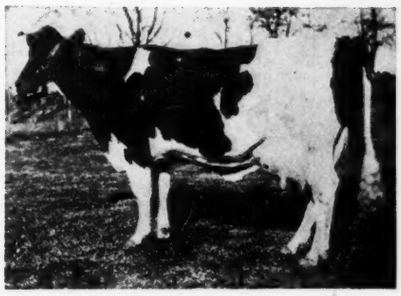
es' dam ble grandam each weigh over a

s is bou smit 40-lb. breeding to his get as
done. in his pedigree have together sired

not only 40-lb. breeding from his sire but

orld can y of the averages of his three to
ys.

.....Al ervice..... Sir Inka Prilly Segis
Johanna King Segis



Sadie Vale Concordia 4th's Pietje

The dam of:
King of the Sadie Vales.

Dam
Sadie Vale Concordia 4th's Pietie

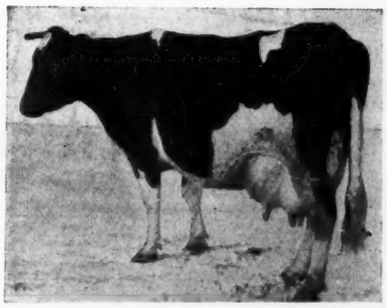
Butter, 7d	38.43
Per cent fat	4.21
Milk	729.50
Butter (30 days)	152.32
Per cent fat	4.52
Milk	2692.90
Best day's milk	120.00
Each of her seven days average:	
Butter	5.49
Milk	104.20
Each of her 30 days average:	
Butter	5.07
Milk	88.19

Sadie Vale Concordia 4th

The double grandam of:
King of the Sadie Vales.

Double Grandam
Sadie Vale Concordia 4th

Butter 7 days	41.06
Milk	691.40
On each of the last five days she produced in milk	100.00
Butter 30 days	163.11
Milk	2589.50
Per cent fat	5.04
Best day's milk	104.20
Each of her seven days average:	
Butter	5.86
Milk	98.77
Each of her 30 days average:	
Butter	5.43
Milk	86.29



Sadie Vale Concordia

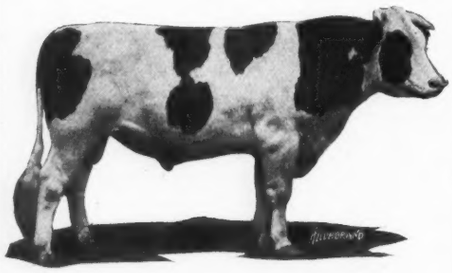
The double great grandam of:
King of the Sadie Vales.

Double Great Grandam
Sadie Vale Concordia

Butter, 7 days	30.64
Milk	694.30
Butter 30 days	123.67
Milk	2752.60
Best day's milk	100.00
Each of her 7 days average:	
Butter	4.37
Milk	99.18
Each of her 30 days average	
Butter	4.12
Milk	91.75

She is the dam of a 40-lb. cow, the grandam of five or more 30-lb. cows, and the great grandam of 31 or more 30-lb. cows.

The World's Greatest



King Champion Rag Apple

Rag Apple Korndyke 8th

Fairview Korndyke Mata

IN WISCONSIN

We have decided to duplicate this breeding offer given on the opposite page for

King Champion Rag Apple

and our

Big Sale at EDGEWOOD

JUNE 26-27, '19

You all know King Champion Rag Apple:

He has made money for a good many of you.

He is "The World's Greatest Sire of Individuality."

He is "The highest record son of a World's Champion in the State of Wisconsin."

He "made" our sale at Walnut Crest with its $815 average last June.

He is sure to repeat at EDGEWOOD.

Take Your Choice

You're bound to win either way you play it.

WALNUTCREST FARMS

A. W. GREEN

Telegraph Address—

Holstein Benefactor

WHY?

Because We Divide With You

PUBLICITY PRESTIGE PROFITS

Read My Special Offer To Owners of 30-lb. Cows

Here's your greatest opportunity to breed them to the best bull in the world, RAG APPLE MATA 126675.

I call him the best bull in the world, and who dares to challenge his right to be so called? For he is sired by Rag Apple Korndyke 8th, advertised as the "greatest bull in the world," and his dam is Fairview Korndyke Mata, who is considered the greatest cow of the breed.

First, because she is a faultless individual.

Second, because she is the dairy queen for 30-day production, with 185.37 lbs. of butter from 3216.6 lbs. of milk.

Third, because she has a 7-day butter record of 47.11 lbs. from 801.5 lbs. of milk, which makes her world's champion for combined milk and butter.

Fourth, because she is the highest record daughter of Pontiac Korndyke, who is the only century sire to have two 40-lb. daughters, and a century son (King of the Pontiacs) that has three 40-lb. daughters.

Last, but not least, she is owned by Pine Grove Farms, and her owners feel confident that she will make over 50 lbs. of butter and 1000 lbs. of milk in 7 days at her next lactation period. Enough said!

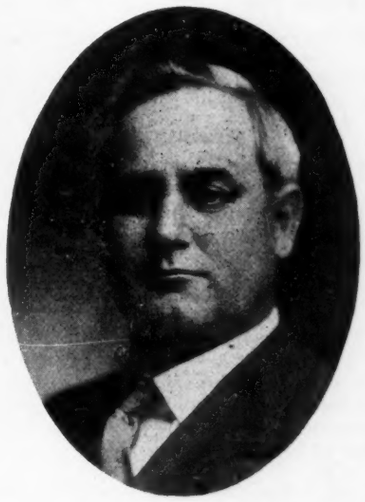
I am going to invite you to send your 30-lb. cows to Walnut Crest Farms and have them bred to Rag Apple Mata. I will breed them and feed and care for them without cost to you for an undivided one half interest in the offspring, or, if you care to dispose of them after they are with calf to Rag Apple Mata we will sell them at our next annual sale, May 22 and 23, 1919, without expense to you, and pay you one-half of whatever they sell for. They should bring from $3000 to $5000 each, if they are good individuals and have good breeding. I do not think there is a possibility for you to make more money with your 30-lb. cows than to let us handle them as outlined above.

I want to breed one hundred 30-lb. cows to this great bull just as soon as possible. Now is your opportunity to get the most value from your 30-lb. cows.

If interested write us today for further particulars.

AND THEN ACT—

We are already booking good cows from some of the best breeders, both East and West—why not let Green make you money on your good ones?



A. W. GREEN

Middlefield, Ohio

East Orwell, Ohio

EDGEWOOD FARMS

Established **Brookside Herd** in 1876

The Fountain Head of Holstein Aristocracy

R. J. STEVENS, Owner :-: Liverpool, New York

WE KNOW

THAT THE READERS OF THE HOLSTEIN-FRIESIAN WORLD

are following our advertising. We know this through the fact that each mail brings us inquiries as to the stock that we have been mentioning. For this reason we want to show our appreciation of your interest in the herd by bringing before you a variety of offerings. This week we will say that we have

Some nice **FRESH COWS** and **SPRINGERS** in the herd that, if you are in the market, will interest you, for they are good ones. We pride ourselves on the individuality of the herd, and want you, instead of writing for descriptions, for who can do justice to a good cow through ink and paper, to come here and see for yourself just what we have to offer. While you are here we also will show you some

Young Bull by Sir Pontiac Waldorf Pietje

that I know you will say are just about the nicest things you ever put your eyes on—yes and I'll price them right. There are also some wonderfully fine heifers by him but these are not for sale but are worth coming to see and if you are looking for a bull by Waldorf you will want to see his sisters and know that they are to be kept together and developed which means a lot to the man who buys a son of this sire. Mark my words "Brookside Waldorf" as a prefix to a Holstein name is going to mean something to breeders and it will mean quality of the highest type.

Let's get acquainted now. The herd is easy of access—just a half hour's ride by trolley from Syracuse and the Farm is but a short distance from the car line. When you get to Syracuse call me on the phone and I'll guarantee you a warm welcome.

R. J. STEVENS.

Woodlake Farm

JOHN B. IRWIN, Prop.

Miss Korndyke Maid Ormsby

"Home of the

ORMSBYS"

Duchess Skylark Ormsby

ADDRESS—

Station F., Minneapolis, Minn.

Herd Headed by Two of the

Breed's Greatest Sires

King Korndyke Colantha Ormsby, 96546

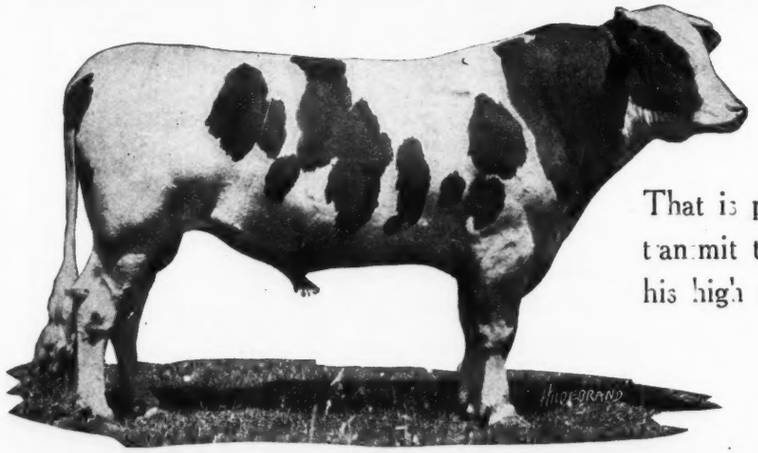
A son of Colantha Johanna Champion that has five 30-pound daughters and whose dam is that great cow, Colantha 4th's Johanna, the only cow that has ever held all butter records from seven days to a year, the dam of King Korndyke Colantha Ormsby is Miss Korndyke Maid Ormsby whose yearly records are 1,255.63 pounds butter and 25,418.30 pounds milk. She is a daughter of one of the greatest foundation cows and a former world's champion, Pietertje Maid Ormsby.

Sir Ormsby Banostine Champion 166276

Without a doubt one of the best bred long-distance sires. His dam is Duchess Skylark Ormsby, the world's champion yearly butter producer—the only 1,500-pound cow. He is sired by Maplecrest Butter Boy De Kol whose sire and dam's sire each have four daughters whose yearly records average 1,215 pounds butter.

When in need of females or a herd sire, write us your needs. You can get them here and they are the world's record kind.

The Bull Without a Doubt



That is producing his great individuality in his offspring is sure to transmit the great producing qualities which he has inherited from his high record ancestors.

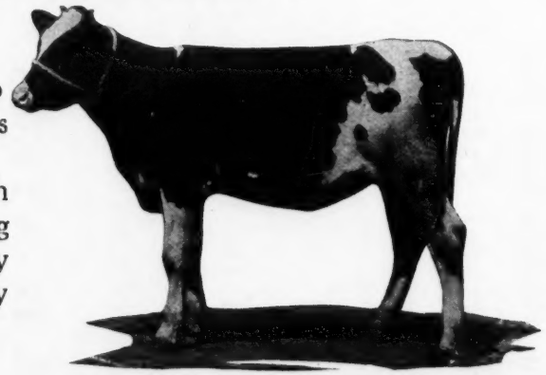
This is not a guess when a sire can produce a calf like this from a dam like this.

KING PONTIAC HENGERVELD FAYNE

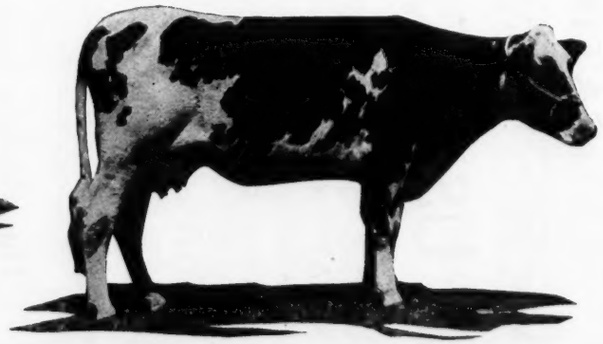
The Sire

THIS is the kind of a bull to breed to if you want results such as shown here.

There are a lot of good high record cows, that their offspring should bring a lot more money but don't. Why, because they lack individuality.



The Calf



The Dam

Belevidere PEQUEST FARMS New Jersey

——THEY ARE COMPLETE, HANDY AND

SATISFACTORY

THE VERDICT OF OUR PEDIGREE PATRONS

TELL US WE'LL DELIVER IT IN THE SHORTEST POSSIBLE TIME

HERD REGISTER PEDIGREES Four generations with three carbons $1.50
FOUR GENERATION PEDIGREES Ancestors in red. Costs $2.00
FIVE GENERATION PEDIGREES Two carbons, ancestors in red $3.00
SIX GENERATION PEDIGREES For your herd bull. 62 ancestors in red $7.50
SALE CATALOGS 500 catalogs cost $3.50 per page for delivery.

LIVERPOOL SALE & PEDIGREE CO., Inc. **Liverpool, N. Y.**

The Breed's Best Bull

King Netherland Segis Konigen

HE is a son of the Present World's Champion junior four-year-old, 43.59 lbs.
HIS DAM is the daughter of the Only Bull having a 43-lb. daughter and a 40-lb. full sister.
HIS SIRE is a son of a 40-lb. cow.

He gets 50 per cent of his blood from

King of the Pontiacs and Diona Konigen Pietertje, 37.44 lbs.

YOU can get his blood in your herd only by breeding your best cows to him. Had you not better arrange for service?

Write

H. B. AYERS

7130 Meade Street Pittsburgh, Pa.

Woodcrest Pontiac Korndyke, 115683

One of the greatest sons of Pontiac Korndyke for sale at a reasonable price. His sire with more than a hundred A. R. O. daughters, has a son with a hundred A. R. O. daughters and he has numerous 30-lb. granddaughters. Among the daughters of Pontiac Korndyke are the first 37-lb. cow, the first 38-lb. cow and the first cow to produce 1000 lbs. of fat in a year. The dam of Woodcrest Pontiac Korndyke is a 29-lb. daughter of Pietje 22d, the first imported cow to produce 30 lbs. in 7 days. The dam's sire is by the noted Sarcastic Lad. His pedigree will tell you what he is. Write for it.

Reason for selling is that our herd has been sold. He was bred at Woodcrest Farm, Rifton, N. Y. We were offered more than the purchase price soon after we bought him but we valued him much more.

A quick buyer gets him at a reasonable figure considering his breeding and individuality. Come and see him or write us.

Don't let this opportunity escape you to secure one of the greatest bulls in the country.

Belle Ellen Stock Farms

Sussex, N. J.

THREE FORTY POUND COWS BRED IN OTSEGO COUNTY, N.Y.

The best bulls in Otsego County are Pietertje Hengerveld Segis, my senior herd sire, and GREAT PETER, junior sire.

PIETERTJE HENGERVELD SEGIS 44781
is a son of King Segis from the highest record daughter of Pietertje Hengerveld's Count De Kol and Blanche Lyons, Blanche Lyons De Kol with 33.31 lbs. butter in seven days, and over 100 lbs. milk in one day. Piete has 105 A. R. O. daughters, the entire list averaging over 21 lbs. at an average age of under four years. He will have over 200 A. R. O. daughters eventually.

GREAT PETER 11326
a son of Tietje Queen De Kol, 42.26 lbs., and full brother to Glen Alex Queen De Kol, 42.35 lbs. at 2½ years, the World's record by 11 pounds, and he is also full brother to Tietje Queen De Kol 2d, 43.29 lbs. at 4½ years. This is the bull in which H. A. Moyer purchased a one-fifth interest.

We have no sons of Pietertje Hengerveld Segis at present, and only one two-months-old son of Great Peter, but they will be coming during the winter, and the only way to get one is to have your order in ahead.

A son of King of the Pontiacs from a 32 lb. daughter of Hengerveld De Kol is also in service.

IS ANY HERD IN AMERICA HEADED BY TWO BETTER BULLS?

SUSQUEHANNA FARMS **Hartwick Seminary, N. Y,** **LEE KINNE, Prop.**

The Greatest Sale of Holstein-Friesians

Ever held in the West will be the

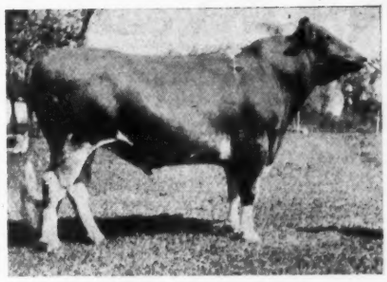
COMPLETE DISPERSAL

of the two herds owned by C. S. MULKS and G. E. MOORE

The Sale will be held at

Waterloo, Iowa, February 25, 26 and 27

This sale offers more 40-lb. breeding than has ever before been offered in the west.



Mr. Mulk's herd is headed by

King Korndyke Pontiac Lass

The $10,000 Son of the first 44-lb. cow, K. P. Pontiac Lass.

This is one of the best bulls that the breed has produced from the standpoint of both breeding and individuality. Practically all of the females in this herd are either his daughters or bred to him. His own daughters are bred to the junior sire.

S. F. TWEEDE PONTIAC CORNUCOPIA

Whose dam has a yearly record of 1147 pounds of butter and whose two nearest dams average nearly 41 pounds of butter in 7 days. Here is a wealth of **40-pound breeding** never before been equaled, in a mid-western sale ring.

Mr. Mulks has been one of the most judicious buyers of herd sires for years past. He has been building his herd upon the very wise foundation of really high class richly bred sires. He has never been indifferent to the value of good foundation cows but he has always been especially impressed with the fact, and put into practical use the teaching that the sire is half the herd. If you are looking for producers, this is the sale you should attend.

Mr. Moore's Herd Is Headed by KING FAN OF ROCK

a bull whose individuality and type and show quality speak for themselves. He also inherits an abundance of productive capacity for his dam produced 26.64 pounds of butter from 515.4 pounds of milk in 7 days, 107.4 pounds of butter from 2206 pounds of milk in 30 days, 767.34 pounds of butter from 17006.15 pounds of milk in one year at the age of 2½ years. One of his sisters was the champion cow of Illinois in her A. R. O. class.

This herd contains daughters of

King Alcartra De Kol Pontiac, King Skylark Johanna, King Korndyke Colantha Ormsby and other famous sires. There are also daughters and granddaughters of some of the great A. R. O. cows of the breed.

The herd is well developed, uniform, beautifully marked and possesses a wealth of capacity for production. It has been built up by years of careful selection of herd sires that combine type and A. R. O. blood.

If you are looking for show quality and productive capacity in the same animal, come to this sale. This is your one great OPPORTUNITY—do not let it pass unused.

Remember this is a COMPLETE DISPERSAL SALE, even the WONDERFUL HERD BULLS are to be sold. Nothing is kept back. When you buy here you are buying the experience of these two successful breeders.

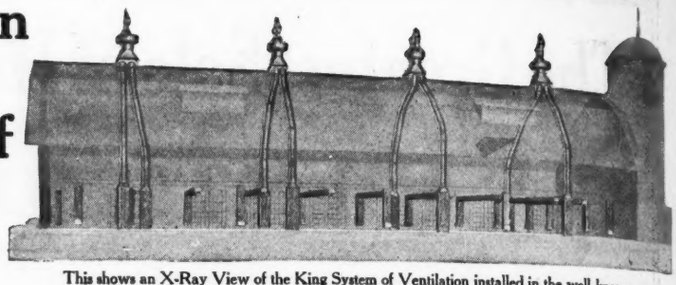
REMEMBER THE DATE—Feb. 25, 26, 27, Waterloo Sale Barn, Cattle Congress Grounds, Waterloo, Ia.

For particulars or catalogs address

C. S. MULKS, Riceville, Iowa **G. E. MOORE, Wallingford, Iowa**

Good Barn Ventilation Means More Than Ventilators on the Roof

This barn is ventilated with the complete King System of Ventilation. This means having fresh air intakes and foul air flues placed at certain parts of the barn to keep a movement of fresh air under perfect control through all parts of the building.



This shows an X-Ray View of the King System of Ventilation installed in the well-known Guernsey Barn on the Jean Du Luth Farm No. 2, Duluth, Minn.

The King Aerator can be used with or without the other parts of the King System. Because of their beautiful design many farmers put King Aerators on their buildings simply to make them look better.

KING System of Ventilation

This is photograph of the barn shown in the X-Ray drawing above.

The King System consists of more than King Aerators on the roof. In ventilating this building, the King ventilating engineers studied the conditions, the air spaces, the doors and windows, the number of head of stock usually kept in the building, its location, and kind of material used in its construction, its exposure to wind, the altitude, usual weather conditions, and many other things which the average man would not think of. When all these and other conditions were provided for, then they planned the King System to fit them. *What's Your Ventilating Problem?*

Send For Our Book and let us tell you more about what you get in a King System. Also let us refer you to owners of King Ventilated barns who have experimented repeatedly in trying to ventilate their buildings, then found it more profitable to get a King System.

Unless the ventilating system bears this diamond King Trademark it is not a King System.

KING VENTILATING COMPANY, 1190 Cedar Street, Owatonna, Minnesota
Ventilating Engineers for Farm Buildings and Creameries *On the Jefferson Highway*

Established 1893

The Oakhurst Herd

Consigns to

The Moyer Holstein Sale -:- Feb. 18-19-20, 1919

Eight high class females, bred in the best producing lines.

Two are daughters of King Hengerveld, the only son of Hengerveld De Kol from a 30-lb. dam.

Four are daughters of Judge Segis Lyons, a son of King Lyons from Segis Isabella, a 34.53-lb. daughter of King Segis. These are all from A. R. O. dams.

Two are daughters of King Fayne Segis 4th, a son of King Fayne Segis and paternal brother to Segis Fayne Johanna, the only 50-lb. cow.

We have used as herd sires sons of King Segis, Hengerveld De Kol, De Kol 2d's Butter Boy 3d, and our present sire, a son of King Lyons.

Particular attention is directed to the health of the Oakhurst Herd and therefore to this consignment. For a number of years the herd has been regularly tested for tuberculosis and all calves raised upon pasteurized milk. It has now reached a state where no reactors are found and is believed to be absolutely free from any trace of tuberculosis.

OAKHURST FARM **A. L. Brockway, Owner** **Syracuse, N. Y.**

I am selling **48 Head** of the very best cattle I ever owned, in my sale at

SYRACUSE

February 17-18-19

These represent the very best I can produce in the years I have devoted to breeding Holsteins.

They are my own, backed by my personal guarantee and sold in my own sale.

They must be right.

Read the big advertisement next week.

H. A. MOYER Syracuse, N. Y.

HERD MANAGER

Open for position April 1st in some large, old established A. R. O. herd where good records and hard work are well appreciated. Am qualified to make large long-time records as well as the thirty-pounder. Have had envied success in the show ring. Am well versed in all branches of registered cattle. Will appreciate details in full in first letter.

Box R, Holstein-Friesian World, Syracuse, N. Y.

WANTED

Position as farm manager by college trained man thoroughly experienced in all branches of farm work, soil improvement, stock breeding, machinery, engines, tractors, barn and concrete construction; capable of handling men to best advantage. Best references.

Box W, Holstein-Friesian World, Syracuse, N. Y.

(Continued from page 34.)

animals you have to sell with a description of them, but you should take delight in offering some animals that will be a credit to the Association in the land to which they are taken, and that will bring fame and reputation to the Holstein-Friesian breed. Our breed's reputation in France will be largely made by the animals that are sent from the United States during the next two or three years and whether it is good or bad depends upon the breeders of this country. I sincerely hope they will have pride enough to see to it that no animal is exported that is not a credit to the breed, and that a considerable proportion of those that are exported will be animals of which the members of the Association can well be proud.

Now, gentlemen, remember when the notice comes to you through your Holstein-Friesian journals that a certain person is to represent the Association, see to it that every member of the Holstein-Friesian Association in your community who has animals for sale, files the schedule, the description and the pictures where you have them, so that we can offer a reasonably good selection to the purchsers.

What I am most interested in today, however, is that you people make a success of this annual meeting. The best breeders of the country are going to be there, they are going to form an opinion of the industry in this state from the number in attendance and the enthusiasm shown. They realize that Pennsylvania is a great state, that you have great metropolitan cities in Pennsylvania where hundreds of millions of pounds of the dairy products are used, as whole milk. They realize if any place in the world where the breeders would be interested in the welfare of their Association and of their breed, it would be in the State of Pennsylvania, and will expect to see evidence of your interest at the annual meeting.

It may be a long time before this National Association could, with regard to other localities, hold another meeting here. Hundreds of your breeders will have an opportunity to attend with only reasonable travelling expenses, and I sincerely trust that you will take advantage of the opportunity.

Just About Time

You would notice what is being done in the way of good records at Strickland Farm this winter. Now to get down to "Business." You need a young sire. Our sons of Spring Farm King Pontiac 14th and Highland Spring Farm Pontiac King would please any man. All ages and prices. Write now your wants. You don't know how we enjoy answering your letter in regard to a young sire.

S. M. STRICKLAND

Carthage, N. Y.

P. S. You know these young bulls' dams individually are great.

HURD FARMS

Headed by

HILLDALE KORNDYKE ABBEKERK

"The bull that produces them worth while"

His entire list of daughters that have freshened to date:

Hurd's Mettamae Pontiac, 3y
Butter 27.145
Milk 519.00
30 days—
Butter 112.618
Milk 2441.2

Hurd's Korndyke De Kol, 2y
Butter 21.001
Milk 500.6

Hurd's De Kol Korndyke, 2y
Butter 19.66
Milk 346.00

Hurd's Korndyke Beets, 2y
Butter 17.52
Milk 376.80

Hurd's Belle Korndyke, 2y
Butter 17.48
Milk 443.00

Hurd's Pauline Korndyke, 2y
Butter 15.91
Milk 398.00

Service fee, $100 for approved cows. Pedigrees and pictures on application.

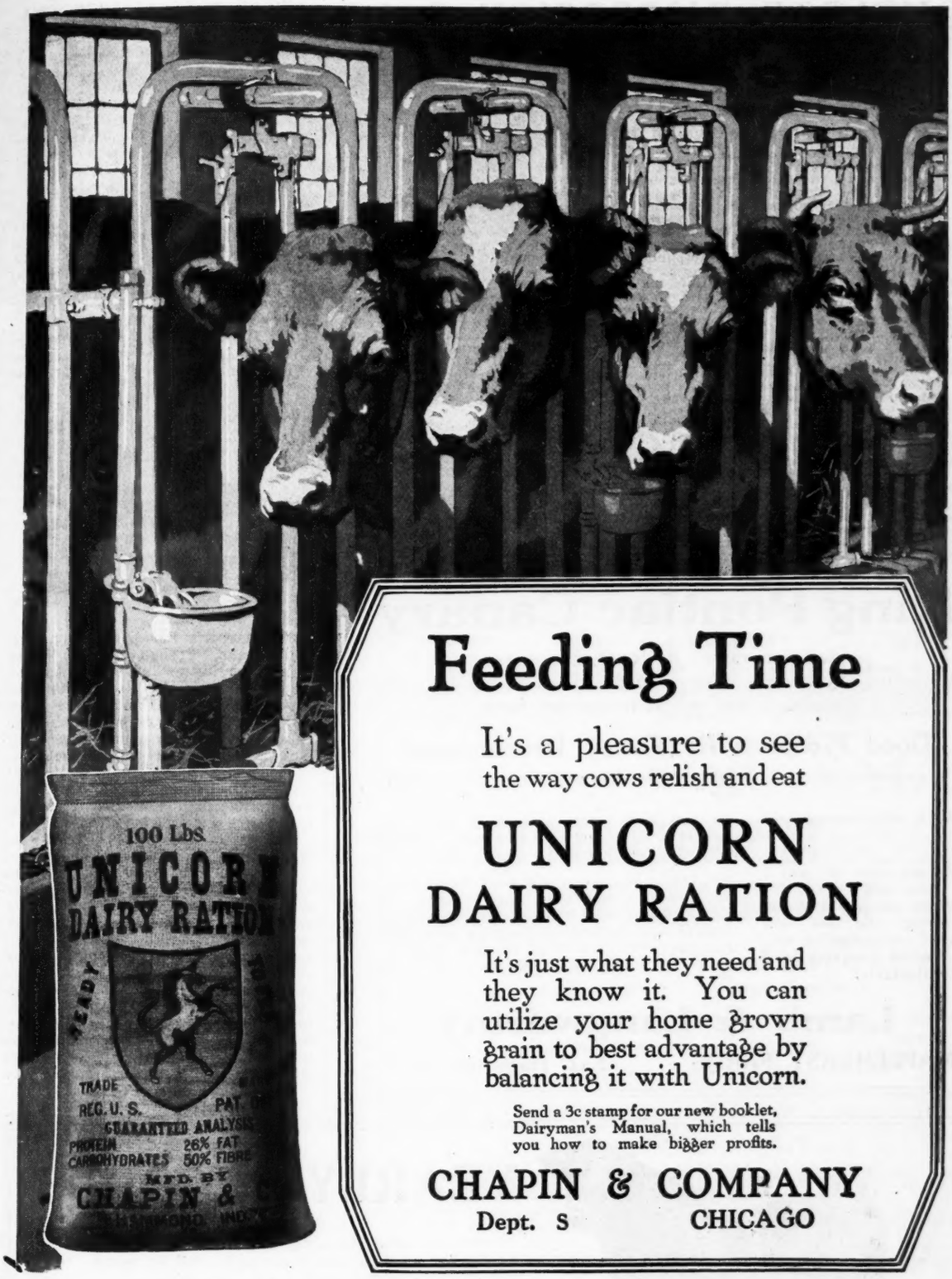
HURD FARMS C. W. HURD, Prop. **Elma, N. Y.**

LADY MUTUAL FRIEND FRESH AGAIN

Hargrove & Arnold, Norwalk, Iowa, announce that their great old cow, Lady Mutual Friend, has recently dropped another heifer calf, giving her at ten years old a total of eight daughters and one son, all living but one. It will be recalled that last year, after making a 30-lb. 7-day record she continued throughout the year in great shape, making over 25 lb. eight months after calving, and breaking the state record in Iowa for a few days with her production of 1281.46 lb. She carried a calf nearly five months of this year. Her daughters likewise are doing extraordinary work, so good in fact that we plan to make this family the subject of a special feature story in an early issue.

THE TOP BULL FOR CHENANGO COUNTY

The highest priced animal in the recent Moyer sale, at Earlville, New York, was a young bull calf consigned by R. D. Lee, and purchased for $1210 by Charles Boos, of Sherburne, New York. This youngster, only three months old, is a son of The Mighty Monarch, son of King of the Pontiacs from the 47-pound daughter of the only 50-pound cow. The dam of this calf is Queen Korndyke De Kol Butter Girl 2d, with a record of 31.49 pounds made from three-fourths udder six weeks after calving. This gives the young bull an average for first dam and the two nearest of his sire of 43.17 pounds. Since the sale Mr. Boos has sold one-half interest in his purchase to E. B. Reynolds, of Sherburne, and these two gentlemen now own one of the best bred bulls in the county.



Feeding Time

It's a pleasure to see the way cows relish and eat

UNICORN DAIRY RATION

It's just what they need and they know it. You can utilize your home grown grain to best advantage by balancing it with Unicorn.

Send a 3c stamp for our new booklet, Dairyman's Manual, which tells you how to make bigger profits.

CHAPIN & COMPANY
Dept. S CHICAGO

WANTED

Ten to twenty nice straight well grown heifers from 12 to 15 months old.

JAMES H. STONE
Marcellus N. Y.

Another College Belle Wayne

(35 lbs. butter, 824 lbs. milk.)
Grandson at a bargain. Beautifully marked, 7-8 white, from a very promising heifer, straight and well grown.
$125 express paid. Let us tell you about him.

ABBOTT & BROCKHOUSE
Sioux Falls, S. D.

WANTED

At once, herdsman for small herd. Must be single, temperate, honest and reliable. Fine opening for ambitious young man. Send references and full particulars in first letter.

C. S. LUNT
Cloverdale Farm Charlotte, N. Y.

COMPLETE DISPERSION SALE

Of one of the Premier Herds of Registered Holstein Cattle in the Southwest 50 Head

TUESDAY, FEBRUARY 11, 1918

At the Fair Grounds, Chanute, Kansas, at 1 P. M.

45 head of registered cows and heifers mostly with A. R. O. records up to 26 pounds as a 4-year-old and 5 registered bulls from highly bred A. R. O. dams and sires including our great young 3-year-old sire **Emperor Segis Pontiac Del Korndyke, 167620,** one of the most promising sons of **King Segis Pontiac 44444** and a highly bred daughter of **Prince Segis Korndyke 38835,** a brother of the great **King Segis.** Having just completed a deal which associated and interests me with one of the largest and best equipped estates in the East for the development of one of the **greatest registered Holstein herds** in the country which needs my personal management immediately, I have decided to sell my entire herd at **public auction.** I know it will be a surprise to my friends to hear of this herd going at auction. This herd is the result of years of breeding and financial expense to attain the highest possible standard of individuality, breeding and production and it will be a long time before such a combination will be ever offered to the public at auction again. The cattle are in the PINK of condition, good flesh and healthy. Every animal over 6 months of age will be tuberculin tested by a competent State Veterinarian and will give purchaser privilege of 60-day retest and are guaranteed clean from contagious abortion or any other infectious or contagious diseases.

The following **day** February 12 I will sell at **public auction at the Magee Dairy Farm,** 3½ miles N. W. of Chanute all my modern farm machinery and dairy equipment, registered Duroc-Jersey sows, gilts and boars. Also, horses, feeds and other things too numerous to mention.

Will also lease my productive Dairy Farm of 200 acres with 40 acres of fine alfalfa and 50 acres of growing wheat, 2 silos with necessary barns and buildings to conduct a first class dairy of 40 cows.

Chanute is a division point of the Sante Fe and on the M. K. T. and 127 miles S. W. of Kansas City.

Send for full descriptive catalogue ready to mail.

Auctioneers:
Col. Fred S. Ball, El Reno, Okla.
Col. W. J. O'Brien, Tonganoxie, Kan.

MAGEE DAIRY FARM
Jas. W. Magee, Prop.

King Pontiac Canary

Half a hundred A. R. O. daughters
Including 13 heifers with records of 20 to 28 lbs. No daughters yet tested in mature form.

Good Prospects for Future Development

As an individual	King of the Pontiacs never sired a better one.
As a transmitting sire	His daughters show uniformly heavy production with a high average test. Individually they are winners
As the sire of your next bull. Write us your requirements, and we will send you pedigrees, etc., of some bargains hard to duplicate.	You might do worse. We have been breeding Holsteins since the pioneer days, and can furnish young bulls backed by generations of high record cows coming from lines that have won popularity through merit.

Lamb & Langworthy

MAPLEHURST FARMS **East Hamilton, N. Y.**

ADDING NORTHEASTERN IOWA TO HOLSTEIN AREAS

Fourteen cheese factories are now in operation in the two most northeasterly counties of Iowa and Holsteins are browsing on the hills. Two years ago there was not a cheese making institution in either of the counties.

The development of the cheese business is due to the vision and initiative of D. J. Murphy, lawyer and banker at Waukon, Iowa, the county seat of one of the counties. Twelve of the factories are owned by him. The other two are farmer's co-operative concerns, though they both are working under an ex-officio sort of supervision of Mr. Murphy.

Mr. Murphy's round dozen factories are all in Allamakee county at Rossville, Volney, Cherry Mound, Forest

Mills, Harper's Ferry, Hanover, English Bench, French Creek, Village Creek, Dorchester and Frankville. The string of factories is administered from Waukon as Headquarters where the general manager has offices. Also at Waukon is a cold storage plant with a capacity of 400,000 pounds of cheese. The cheese from the different factories is brought by motor truck to the storage plant and all cheese shipments are made from Waukon.

The twelve factories belonging to Mr. Murphy have been established in each instance in rough country where creeks, springs and natural timber abound and the country is unsuited for grain farming but ideally suited for dairying. Furthermore they have been established where creameries were remote from farms and the farmers had no market nearby for milk. The factories are thus proving a distinct benefit to the different communities. In fact they are regarded almost as the salvation of some of the farmers who were having a heartbreaking time

(Continued on page 66.)

YEARLY RECORDS

For your next sire a son of Cloverlawn Johanna Piebe whose five nearest dams average 1070 lb. butter from 23809 lb. milk in a year. No other bull of his age can show this average. Choice young bulls, well grown, light in color from yearly record dams. 140 head and 29 yearly record cows. State exactly what you want.

JOHN H. PULS

Hartford - - Wisconsin

February 4-5, 1919—Brattleboro, Vt., Purebred Live Stock Sales Co.
February 5, 1919—Sharon Center, Ohio. Dispersal, J. H. Derr.
February 6, 1919—East Lansing, Mich., A. E. Jenkins, Mgr.
February 7, 1919—Adrian, Mich., F. R. Myers Dispersal.
February 11-12, 1919—South Omaha, Nebr. Nebraska Breeders' Consignment Sale, Dwight Williams, Mgr., Omaha, Neb.
February 13-14-15, 1919—Leavenworth, Kans. Consignment Sale, W. H. Mott, Mgr., Herington, Kans.
February 15, 1919—Downs, Kans., W. H. Boughner.
February 17, 1919—Granville, N. Y., Fred La Gash.
February 18-19-20, 1919—Syracuse, N. Y., H. A. Moyer Consignment Sale.
February 19, 1919—Clear Spring Farm, Myerstown, Pa., Marvin H. Bennetch Dispersal.
February 21, 1919—Barneveld, Wis., J. F. Davis Disperson.
February 25-26-27, 1919—Waterloo, Iowa. Dispersal of herds of G. E. Moore and C. S. Mulks.
February 28, 1919—Dixon, Ill., Consignment Sale, E. M. Detweiler, Mgr., Palo, Ill.
February 28, 1919—Newmanstown, Pa., Dispersal sale Joseph H. Witter Herd.
March 4, 1919—Hinckley, Ill., Dispersal M. R. Evans Herd.
March 7, 1919—Martinsburg, Pa., Hershberger & Housaker.
March 12, 1919—Abilene, Kansas, E. S. Engle & Son 7th Public Sale, 110 head.
March 12-13, 1919—Fond du Lac, Wis., second Wisconsin State Sale, F. H. Everson, Mgr., Lake Mills, Wis.
March 13, 1919—Trenton, N. J., W. J. Morris Dispersion sale of 40 head.
March 14, 1919—Plymouth, Wis., Dispersal Sale, G. V. Buelke.
March 17, 1919—Kent, Wash., Von Heim Farm Dispersal, Geo. A. Gue, Mgr., Yakima, Wash.
March 18, 1919—Doylestown, Pa., Buck's Co. Breeders.
March 19, 1919—Emause, R. F. D., Pa. Dispersal Sale, P. G. Lichtenwalner.
March 19-20, 1919—Syracuse, N. Y. Backus Bros., Consignment Sale.
March 21, 1919—Orefield, Pa., Dispersal Sale, Peter Ruch.
March 25, 1919—Topeka, Kans., Kansas Breeders' Annual Sale, W. H. Mott, Mgr., Herington, Kans.
March 26, 1919—Topeka, Kans., A. B. Wilcox & Son.
March 26, 1919—Greenwood, Wis., John Wiethrich, Dispersion Sale, Col. W. H. Krause, Thorp, Wis., Sale Mgr.
April 1-2, 1919—Brattleboro, Vt., Purebred Live Stock Sales Co.
April 2, 1919—Newsonsville, Ohio, M. W. & W. R. Carr Dispersion Sale of 50 head.
April 2-3, 1919—Watertown, Wis., Watertown Holstein Sales Co., Semi-Annual Sale, Francis Darcey, Sec'y.
April 7, 1919—Bartlett, Ill., Oak Glen Farms.
April 9, 1919—Marcy, N. Y., Mayhew Farms Sale.
April 15-16, 1919—Fifteenth Consignment Sale, Liverpool Sale & Pedigree Co., Liverpool, N. Y.
April 30, 1919—Lisle, Ill., Du Page County Breeders.
May 1-2, 1919—Lake Mills, Wis., Semi-annual Sale, F. H. Everson, Mgr., Lake Mills, Wis.
May 8-9, 1919—Waukesha (Wis.) County Holstein-Friesian Breeders Association.
May 14-15, 1919—Fond du Lac, Wis., Breeders Spring Sale, S. H. Bird, Mgr., So. Byron, Wis.
May 15, 1919—Howell, Mich., fifth annual sale Livingston County Holstein Breeders' Sale Co.
May 22-23, 1919—Middlefield, O., A. W. Green, 2d annual.
May 24, 1919—Dispersal Lamb & Langworthy Herd, East Hamilton, N. Y.
June 26-27, 1919—Pewaukee, Wis., Edgewood Farms, 1st annual.
June 5-6-7, 1919—Philadelphia, Pa., Moyer National Sale, H. A. Moyer, Director.
June 12, 1919—Poughkeepsie, N. Y., J. B. Sisson's Sons.

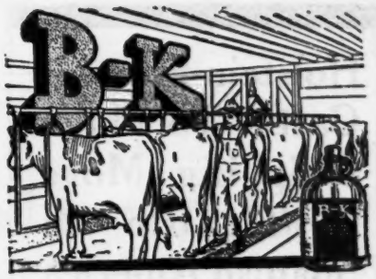
DISPERSAL OF IOWA HOLSTEINS

The dispersal sale of Holstein-Friesians that will be held in Waterloo, February 25-26-27, offers nearly 200 head of exceptionally choice individuals combining good breeding and type.

Both Mr. Mulks and Mr. Moore are going out of the business of dairying, not because they are dissatisfied with it but purely because business changes make necessary the dispersal of their herds. Both have built splendid herds and it is unfortunate that their work must be scattered, but on the other hand, the sale of these cattle will make it possible for many other breeders to profit by the experience and success of these two men.

Mr. Mulks has put into practice all through his dairy experience the fundamental principle that the sire is half the herd. He has been one of the most judicious buyers of herd sires and as a result his herd contains the blood of some of the greatest strains of the breed. Many of his purchases have been almost spectacular, yet in no instance has he bought with that in view. He has always appreciated real breeding and he has gone to the herds that have made the great records and produced the wonderful individuals.

The climax of the successions of herd sires is found in King Korndyke Pontiac Lass, the son of the first 44-pound cow. The bull that was used before this one was Col. Beets Segis, whose sire was the grandsire of the world's great 50-pound cow, S. F. Tweed Cornucopia Pontiac. The junior bull in the herd at the present time is the son of a cow whose record is 1147 pounds of butter in one year. His two nearest dams average nearly 41 pounds in 7 days.



Retained After-birth

Cows can be made to clean easily without using force.

When cows do not clean properly after calving, it indicates a germ infection which is likely to run through the entire herd and result in Abortion and Barrenness.

The after-birth should be removed at once without force by means of the B-K douche and the cow treated to prevent her becoming an aborter or sterile. Authorities state that while there is no absolute cure for abortion and sterility, nevertheless the infection can be controlled by prompt treatment and the animal saved for successful breeding.

B-K is scientifically correct for this work. Used as a douche for the uterus, it quickly brings the after-birth, dissolves the slimy albuminous matter, kills the germs, stops discharges and controls the infection. B-K does not cause straining, but is soothing and heals the tissues.

Send for "evidence" and free Bulletin No. 52 "Contagious Abortion." If your dealer does not have B-K send us his name.

GENERAL LABORATORIES

5314 S. Dickinson St., Madison, Wis.

B-K · B-K · B-K · B-K · B-K · B-K · B-K

FOR SALE

A 22-months-old grandson of Colantha Johanna Lad. The dam will be tested again and should increase her record. His 9 nearest dams now average 28.59. He is a fine, strong individual and has been used on 30-lb. cows.

Send for pedigree and photo. He is priced low.

EAGLE BAY FARM

Silver Creek, N. Y.

The Home of King Sadie Vale Supreme.

BULL CALF

Sire: Jericho Shadeland Prince, who has a 31 lb. dam, two 31 lb. sisters and a 30 lb. grandam. His dam is one of a 3 generation of 30 lb. cows. One sister made her 31 lb. record as a 4-year-old.

Dam: A 19.32 jr. 3-yr-old daughter of a 30 lb. cow with a 23.46 jr. 4-yr-old half sister and a 26.86 jr. 5-yr-old half sister. Her sire traces directly to Rose Bonheur 5th, the first cow to give 700 lb. milk in 7 days in the world. Her prospects for materially increasing her record are so good that we intend to keep her and develop her and her sisters. A half brother to the dam took jr. Championship at Michigan State Fair last fall.

Calf: Born Nov. 6, 1918. Is a well grown animal of outstanding individuality who already shows promise of being a big bull. Price for this fellow is $250 delivered. Our herd is under strict Federal Inspection. For pedigree and picture write

M. H. DANIELS & SON

M. J. HURLY, Herdsman

Okemos Michigan

Holstein-Friesian Cattle To Make Dairying More Profitable in Spanish America

Through the activities of the Extension Department of the Holstein-Friesian Association of America, dairymen in seventeen Spanish-American countries, including Mexico and South America, are being acquainted with the superiority of purebred Holsteins for breeding purposes —and for milk and butter production.

This is being accomplished through personal communication with more than 132 different parties within these countries and by the distribution of informative Holstein-Friesian literature, printed in the native language. This constructive work cannot fail to benefit every Holstein owner in America. It deserves the united support and co-operation of all. Help to increase the power and extend the influences of this mighty organization of more than 11,000 enthusiastic Holstein owners—

Join The Holstein-Friesian Association of America Now— $25 Pays For Life Membership.

No investment will pay you bigger dividends. No investment will bring you greater satisfaction. Write for literature, copy of by-laws, list of members and blank application for membership—today.

The Holstein-Friesian Ass'n of America

F. L. Houghton, Secretary

Box 182 Brattleboro, Vt.

This will prove beyond question the wonderful breeding that is offered on the sire's side.

Among the females are 30 daughters of the 44-pound bull mentioned above and there are also a lot of granddaughters of King Segis through some of the most famous sires in the breed.

Mr. Moore's herd represents twelve years of very careful breeding and selection. Mr. Moore has not been able to do as much A. R. O. work as he would like but he surely has the blood lines and the individuals that can make creditable A. R. O. records under circumstances that make such work possible. He has been using the very best of sires and he has always kept individuality in mind when making his selections. His herd offers a wonderful opportunity to the careful buyer.

One may purchase carload lots or single individuals at this sale and in every instance, he will be safe and fortunate in his transaction. It is doubtful, if there has ever been offered in a mid-western sale ring such a wealth of productive capacity and individual excellence as will be found in this dispersal.

The reference sires are the very best and they will be sold. There will be some young bulls and some old enough for service but the large majority of the sale is made up of females that will begin to make you a profit just as soon as they reach your barn.

THE MOYER SALE AT EARLVILLE

In H. A. Moyer's sale at Earlville, N. Y., Jan. 7, 8 and 9, 1919, 232 head were sold for a total of $42,755, an average of $184. The top price of the sale was $1210 for a young bull consigned by R. D. Lee, and purchased by C. H. Boos and E. B. Reynolds of Sherburne, N. Y. This youngster is a son of The Mighty Monarch, while his dam recently completed a 31-pound record. This gives him an average of over 43 pounds for three of his nearest dams. The three times thirty-pound cow Amanda Prilly, despite her age of almost ten years, was a bargain at $910. She was consigned by M. H. Bartlett and purchased by W. E. Lamb and Son of Hubbardsville, N. Y. Lottie Walker Colantha, a 28-pound daughter of the famous 32-pound cow Lottie Walker Spofford, was purchased for $800 by the Cortland Holstein Farm, of Cortland, N. Y. The consignors were the A. A. Hartshorn Holstein Company. H. H. Wickwire and Son consigned a 30-pound son of King Segis Pontiac Canary, who was taken by F. B. Green and Son of Evansville, Wisconsin, for $510. Westside Aaggie Beauty Pet, consigned by John M. Howard, was taken at $500 by Lawrence Paumier, of Louisville, Ohio. This splendid young cow was from a 33.8-pound dam, and sired by Korndyke Pontiac Pet, famous 37-pound son of Pontiac Korndyke. Altogether seventy-three head brought better than $200 each. While the attendance was extraordinarily large, it was conceded that the buyers were getting some rare bargains. The large number of young animals in the sale was responsible for the comparatively low average, the buyers discriminating against almost everything which would not be producing during the present season. Kelley, Haeger and Backus handled the selling.

Following is a list of the animals selling for $300 or over, with names and addresses of purchasers:

No. 16, Mollie De Gretchen 2d, 10 yrs., Otto L. Ives, Guilford, N. Y. $390
No. 18, Male, 3 mos., Vanderwart D. Stevens 1210
No. 21, Male, Rag Apple Greenview Segis, 10 mos., B. G. Webster & A. C. Meaker & Son, Auburn, N. Y. 400
No. 38, Male, King Pontiac Copia Reliance, 10 mos., Cortland Holstein Farm, Cortland, N. Y. 300
No. 43, Sunnycroft Alcartra Juda, 2 yrs., H. C. Wood, Morrisville, N. Y. 350
No. 45, Male, 10 mos., F. D. Semour, Hamilton, N. Y. 310
No. 58, Morrisville Rag Apple, 3 yrs., F. B. Green 345
No. 59, Male, 11 mos., Mrs. C. S. Allen, Hamilton, N. Y. 320
No. 88, Broadhurst Korndyke Alcartra, 1 yr., R. J. Stevens 455
No. 107, Broadhurst Clothilde Pietertje, 4 yrs., W. E. Lamb & Son, E. Hamilton.. 370
No. 112, Creamelle Korndyke Wayne, 2 yrs., W. N. Stevens 430
No. 114, Male, Hazelhurst Rouble Segis, 1 yr., F. B. Green 510
No. 115, Amanda Prilly, 9 yrs., W. E. Lamb & Son, Hubbardsville 910
No. 116, Lottie Walker Colantha, 7 yrs., Cortland Holstein Farm, Cortland, N. Y. 800
No. 120, Windridge Kekke Veruna, 4 yrs., R. J. Stevens 310
No. 132, Hazelhurst Segis Pontiac Rouble, 8 mos., C. L. Amos. Syracuse, N. Y.. 300
No. 138, Woodmont Duchess Netherland, 7 yrs., Jas. N. Allen, Vestol, N. Y. 310
No. 176, Hazelhurst Segis Prindy, 10 mos., W. N. Stevens 310
No. 179, Westside Aaggie Beauty Pet, 4 yrs., Lawrence Paumier, Louisville, O. .. 500
No. 181, Sunnycroft Alcartra Highlawn, 2 yrs., W. N. Stevens 405
No. 211, Doll Daisy Carrie Johanna De Kol, 4 yrs., Ward N. Stevens 315
No. 215, Pasha Pietertje Hartog, 3 yrs., Lawrence Paumier, Louisville, O. 345
No. 217, Creamelle Ann Bleeker Wayne, 2 yrs., M. N. Stevens 430
No. 218, Creamelle Neilboer, 2 yrs., James M. Allen, Oneonta, N. Y. 300

THE JANUARY SALE AT SYRACUSE

The fourteenth consignment sale of the Liverpool Sale and Pedigree Company, held January 20 and 21, 1919, in the Syracuse Sale Pavilion, resulted in a very satisfactory average, $303 per head for seventy-six head, the sale total being $23,090. The outstanding individual in the sale was the 32-pound cow Aaggie Meadowview Queen, a granddaughter of Hengerveld De Kol, bred and developed by W. S. Woodcock, Edwards, N. Y. This cow was one of the most nearly perfect individuals ever sent through a sale ring, and, despite her eight years, was considered a very cheap cow at $1600. The purchaser was J. Wilson, St. Louis, Mo., whose representative was one of the heaviest purchasers at the sale, taking nineteen head for a total of $8,505. Another liberal purchaser was S. J. Housel, representing Jacob Dold's Wheat Field Farms, at La Salle, N. Y. He bought sixteen head for a total of $4,630. One of the real bargains of the sale was the eleven months old bull consigned by George Smith of the North Country Farms, at Watertown, N. Y. This youngster, a son of the famous 31-lb. twin two-year-old, North Country Dutchland Alice, was purchased by R. J. Stevens, of Liverpool, N. Y., at the absurdly low price of $1,150. Keith C. Hoover, of Toledo, Ohio, took home a splendid 34-pound bull from the Owen consignment for $1,000. The attendance was satisfactory, and the buyers were quick to appreciate quality. Kelley, Haeger and Wood kept things moving in their usual style.

YES

Two More 1000 lb. Cows Added to Our List

Pontiac Nyx 153863

Butter . . . . . 1042.
Milk 23030.6

Pontiac Tidy 223480

Butter 1003.4
Milk 24006.4

Pontiac State Hospital

E. H. HALSEY, Steward PONTIAC, MICH.

A Bull With a Real Future and a Record Past

His Dam

COLLEGE BELLE WAYNE Butter 35.375 lbs. Milk 824.30 lbs. in 7 days. World's record for combined butter and milk at the time made. Dam of 2 A. R. O. daughters and 2 proven sons.

Sire of eight A. R. O. daughters. He has received Grand Champion Honor at two successive South Dakota State Fairs, the only place he has ever been shown.

SIR COLLEGE CORNUCOPIA 2d No. 97432

A Magnificent Individual Weighing Over 2700 Lbs.

We are offering for sale one of his sons from Lady Acmeanna Ormsby De Kol 31.135 lbs. butter in 7 days. She is a great producing cow, large, well built, and just the kind that you would select as dam of your herd sire.

THE CALF

Born March 21, 1918. He is a nice straight individual, beautiful color, being more than half white, perfect top line, of large size and ready for service. We have only a few sons of Sir College Cornucopia 2d left and if you want a calf from a bull that is going over the top write us.

WESTKOTA FARM

M. J. SMILEY, Owner Belle Fourche, S. D.

The Spring Farm Consignment

IN THE

MOYER HOLSTEIN SALE

Syracuse, N. Y. February 18-19-20

1—A bull whose six nearest dams average over 35 lb. His dam is a 32-lb. daughter of K P Pontiac Lass the first 44-lb. cow of the breed. He is now ready for heavy service. His dam is owned by A. C. Hardy and is sure to greatly increase her present record.

2—A son (born last May) of Spring Farm Pontiac Agatha a 30.81-lb. daughter of Agatha Pontiac, former world champion 4-year-old with her record of 36.90 lb. butter. Bear in mind this fellow is sired by a full brother to the first 44-lb. cow and that his three nearest dams average over 36 lb.

3—A daughter of King of the Black and Whites from a 30.67-lb. three-year-old daughter of Agatha Pontiac the former world champion 36-lb. 4-year-old. She will be tested and bred to Spring Farm King. Her daughter by Spring Farm King is also included in the sale. Just bear in mind that seven of the nearest dams back of this cow are all above 30 lb.

The first daughter of Spring Farm King has just made better than 17-lb. as a junior 2-year-old. He will have many more tested this spring and they certainly are a most promising lot. This consignment includes some of the richest bred animals in my herd and it is your opportunity to secure some of the very best.

F. M. JONES SPRING FARM HERD Clinton, N. Y.

Some of the Best Holsteins in the World

AT THE

Lagosh & Hulett Dispersal Sale

Granville, N. Y., February 17, 1919

50 Cows of Good Ages -:- 25 Young Cattle

Two complete herds of carefully bred and selected purebred Holstein-Friesian cows, with good backing on both sides, including daughters of cows with A. R. O. records from 22 to 31 lbs.

Granddaughters of Rag Apple Korndyke 8th, King Lyons, King of the Pontiacs, Colantha Johanna Lad, and other good sires.

Herds headed by a 28-lb. son of King Pontiac Reliance. Every cow will be sold. No reservations.. Railroad by D. & H. 60 miles north of Albany.

Frank Beecher, Auctioneer. S. T. Wood in the box.

GREY HULETT FRED LAGOSH

The Opportunity to Buy Foundation Herds

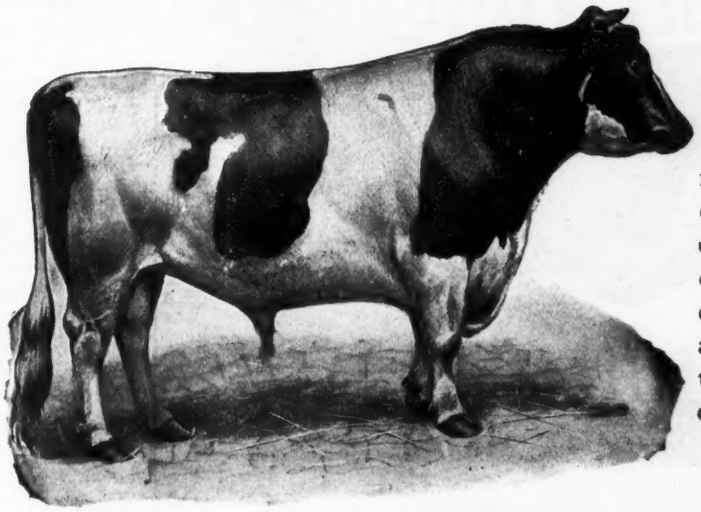
World's Greatest Producing and Transmitting Sire

Colantha Johanna Lad

120 A. R. O. Daughters — 89 Producing Sons

Milk

29 daughters from 600 to 750 lbs. of milk in 7 days. 13 more than his nearest competitor.



Butter

22 daughters from 30 to 36 lbs. of butter in 7 days. Larger percentage of 30-lb. daughters than any other Century Sire, living or dead.

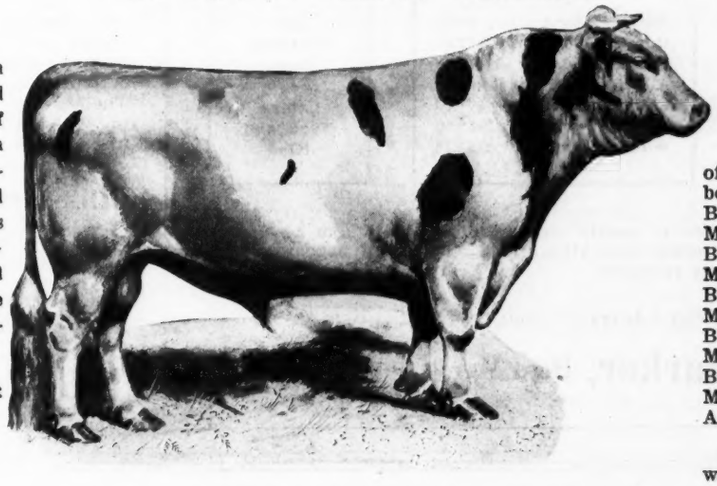
And His Wonderful Successor

King Ormsby Jane Rag Apple

We Paid at Auction, $53200.00

We are using him on the daughters and granddaughters of Colantha Johanna Lad and Aaggie Cornucopia Pauline, and all of our great cows to double up the already phenomenal production of these great producing animals.

Are we doing it right?



Wonderful record of his dam. Never been equalled.

Butter 7 days	46.33
Milk	879.40
Butter 30 days	183.16
Milk	3241.00
Butter 60 days	360.31
Milk	6231.70
Butter 90 days	509.08
Milk	9188.90
Butter 100 da	565.61
Milk	10151.70
Average fat	4.46

She has held 17 world's records.

Dam's record 46.33 lbs. of butter 879.40 lbs. of milk. Average record of his dam and sire's dam 42 lbs. Brother to the only 42-lb. 3-year-old, also brother to the youngest 30-lb. cow.

His sire is 75 per cent the same blood as the sire of

Fairview Korndyke Mata, butter 7 days	47.11 lbs.
30 days	185.37 lbs.
Korndyke Winona, butter 7 days	42.16 lbs.
Milk 7 days	750.00 lbs.
Fairview Korndyke Hengerveld	39.28 lbs.
Pontiac Lady Korndyke, butter 7 days	38.03 lbs.
Pontiac Clothilde De Kol 2d, 7 days	37.21 lbs.
Butter 1 year	1247.60 lbs.

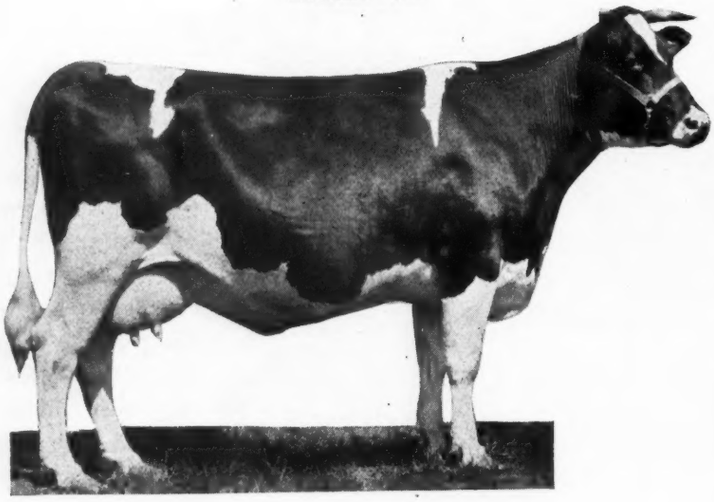
Bull Calves For Sale of the Above Breeding.

World's Greatest Producing Sires and Dams

Noted Field Herd *Owned by* D. W. Field Farm Co. **Oak Street, Montello, Mass.**

Lisle Farms Company

Home of



Het-Loo Pietertje 432508

With her great World's Records at 2 yr., 3 mo., 1 day.

Note the Style Quality and Wonderful Individuality

Butter 7 days	30.32
Butter 30 days	122.07
Butter 60 days	223.25
All Class World's Records	
Milk 7 days	578.00
Milk 30 days	2362.60
Milk 60 days	4561.10

Our Breeding Cows are of this Type and Kind

Every cow has a 7-day or yearly record and most of them have both. Herd is tuberculin tested. Everything sold on a positive guarantee of satisfaction or money refunded.

Write today for Bull Sale List.

Howard Barker, Herd Mgr. Lisle, Ill.

MR. JUDD'S RECENT SALES

Editor World, Sir:

Some of my recent sales that have resulted from my ads in the World were to the following parties:

J. F. Choate, Lancaster, N. Y.; R. O. Broad, Corfu, N. Y.; John D. Walker, S. Byron, N. Y.; Frank Eiss, Buffalo, N. Y.; George Silvernail, Batavia, N. Y.; A. L. Groves, Boston, Mass.; M. Vogelsang & Sons, Rockport, Ind.; M. Kellner & Sons, Kellnersville, Wis.

We have made quite a specialty of starting beginners with foundation stock and starting them right, with good straight sound individuals. Some of our customers have been back as many as five times and we have had some gratifying letters from buyers who have purchased without seeing the stock. The principle we work on is that a well-satisfied customer is a most substantial stepping-stone toward the expansion of our present business. The ads are certainly paying well.

F. Howard Judd.

RICHARD TOELLE SENDS GEEETINGS

The World has received an interesting letter from Richard F. Toelle, Company A, 9th Machine Gun Bn., concerning his experiences with the American Expeditionary Forces in France. He describes some of the things he saw Nov. 15, 1918, while proceeding with the army of occupation. In his letter he encloses a circular illustrating the German propaganda. This was printed in English and was headed "How to stop the war." The simple expedient of ceasing to fight was suggested and the circular attempted to show why it was folly for the American soldiers to engage in this war, urging them to desert and join their brothers behind the German lines.

Before entering the service Mr. Toelle was Superintendent of Tests in Wisconsin and sent greetings to his many friends in that state.

Milk Record Sheets Free

Year's supply without charge. Ask about it and we will send **Free Book** on Cow and Calf Diseases, invaluable to every Dairyman or Breeder.

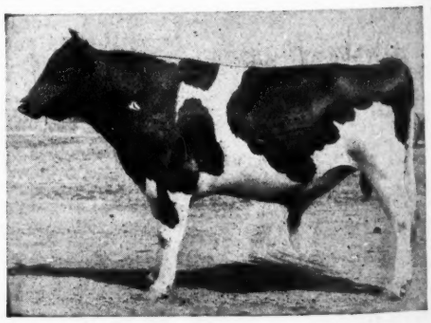
CURA-BOS SCOUR and CHOLERA

Medicine, saves new born calves. Guaranteed to cure and prevent. $1 and $2. Sent prepaid. Act now before too late.

Troy Chemical Co., 378 State Street, Binghamton, New York

Mfrs. of Cura-Bos, Save-the-Horse and other Famous Veterinary Remedies.

75 per cent of the Blood of Sir Pietertje Ormsby Mercedes 37th



We offer one of his best sons born February, 1918. The calf is light in color and from one of the good daughters of Sir Pietertje Ormsby Mercedes 37th. The second dam is Princess Colantha Jewel 3d, with 22.26-lb. in 7 days and 732.80 lb. butter from 15,701 lb. milk in a year. She is the dam of three A. R. O. daughters. The third dam has a record of 25.04 lb. butter in 7 days and 865.67 lb. butter in a year and is the dam of 5 A. R. O. daughters. This is a very choice calf and backed by the highest kind of breeding.

REMEMBER—We can sell a few very high class cows and heifers that are either daughters of or in calf to Sir Pietertje Ormsby Mercedes 37th. These are not cheap animals or culls. We need the room is the only reason for selling.

Lone Pine Stock Farm JOHN ERICKSON, Waupaca, Wis.

Oneida Community Herd

(Tuberculin Tested)

OUR CONSIGNMENT TO THE

MOYER SALE - Syracuse, N. Y.

February 18-19-20, 1919

25 Females :-: 3 Young Bulls

The Females are all young, mostly two and three-year-olds. All are good individuals and will recommend us and please the buyer. The bulls are sired by King Pontiac Reliance and from good record dams—one a 32-lb. cow with three A. R. O. daughters. Each of these bulls is an outstanding individual.

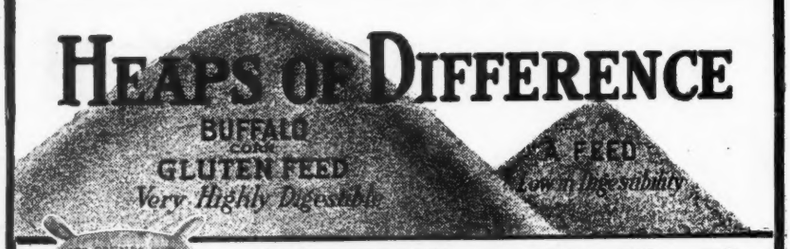
A good consignment to a public sale is the best kind of advertising. We have selected this bunch with that in view.

We want to make a regular cattle show of it and we are going to try to out show the other consignors including Mr. Moyer. It will pay you to attend this sale whether you mean to buy or not.

Oneida Community, Ltd.

KENWOOD, N. Y.

HEAPS OF DIFFERENCE



What Do These Piles Mean?

THEY are intended to impress upon you how important a thing the digestibility of feed is. Because too many men, usually those who can least afford to pay for poor choices, are influenced in their feed buying by the size of the bag.

Every dairyman must know, surely, that his cows can make milk from only that part of their feed which they can digest, and cannot make milk from the part they cannot digest.

Why is it, then, that dairymen don't pay more attention to *the per cent digestible* of the feed than they do, and less attention to how feeds compare in apparent bulk?

Suppose you are at your feed store to buy feed. The dealer shows you two piles of two different kinds of feed, and each pile weighs a ton. But one kind is nearly all digestible and the other is not.

You can't tell much about how they compare in digestibility by looking at them. . . . But you certainly can by feeding them. There's a heap of difference in the amount of milk you get.

You naturally would expect to get the most milk from the Buffalo Corn Gluten Feed, because it is so highly digestible, and you know all the time that it's only the digestible part of feed that makes milk.

The next time you go for feed, tell your dealer you want the best there is.

New York **CORN PRODUCTS REFINING COMPANY** **Chicago**

SEGIS BULL

Service Age.

His sire who has a goodly number of A. R. O. daughters for both 7 and 365 days is King Segis Hengerveld Vale, he by King Segis from a 28-lb. 4-year-old daughter of Hengerveld De Kol.

His dam is sired by the 30-lb. bull Traverse Belle Lad who also has several good A. R. O. daughters.

His dam's dam is by the 30-lb. bull Sadie Vale Concordia's Paul De Kol 3d.

24.56 lbs. butter in 7 days is the average record of 14 out of his 15 nearest dams.

Born April 5, 1917. Evenly colored, nice individual.

$250 Delivered

Satisfaction guaranteed.
Write for pedigree.

BROWN BROS.
Hartford, S. D.

Stock and Farm Sale

I will offer for sale on February 27th, 1919, my entire herd consisting of forty head of registered Holstein-Friesian cattle. This herd is of very select breeding and has been built up with great care and are exceptionally good ones.

Also will offer at the same time my farm, consisting of 117 acres, located one and a half miles from Alliance, Ohio, and three-quarters mile north of Hoppes Lane Stop on the Canton-Alliance Interurban line. Good buildings and very good soil. Will offer this farm as a whole, or will sell in 5, 10, 40 or 80 acre tracts.

For further information inquire of

ELLARD HOPPES

Alliance R. D. No. 1 Ohio

Can You Beat This Combination of Breeding and Individuality?

Sir Korndyke Ormsby Pietertje is a grandson of Sir Pietertje Ormsby Mercedes No. 44931 and Pontiac Korndyke No. 25982, two of the greatest sires of the breed.

His dam Fairview Lena Korndyke No. 212905 is now on yearly test and produced 485.25 lb. fat from 13,564.4 lb. milk in her first 278 days on test, and is still going. She is a daughter of Pontiac Korndyke. Her dam has a 27 lb. seven day record.

His sire is a son also a grandson of Sir Pietertje Ormsby Mercedes. His sire's dam is a daughter of Sir Korndyke Hengerveld De Kol 36th, and Queen Ormsby Pietertje, full sister to Queen Piebe Mercedes World's champion junior four year old

This calf was born Mar. 26th, 1918.

For pedigree, price and full description write

Sir Korndyke Ormsby Pietertje

LONE OAK STOCK FARM

L. A. Wiese **Algoma, Wis.**

Annual Spring Sale

The Holstein Breeders Sale Co. will hold its annual spring sale in

The New Sale Pavilion
Fond du Lac, Wisconsin

March 14 and 15, 1919.

Breeders having cattle to sell will do well to get in communication with the manager.

S. H. BIRD, Mgr. South Byron, Wis.

45 CHOICE A. R. O. FEMALES 45

On account of poor health I offer for sale my whole herd of choicely bred females. They are large, straight individuals and are backed by some of the best families and by large A. R. O milk and butter records. 23 of them are daughters of our great herd sire, King Korndyke Veeman, whose two nearest dams average over 37 lbs. butter in 7 days, and who is a son of the great King Korndyke Sadie Vale. Herd has always been free from tuberculosis and contagious abortion. Never had an animal to react in test. A rare opportunity to buy the results of many years of careful breeding. Come and see them.

WISCONSIN STAR STOCK FARMS *Edwin M. Schultz* **Hartford, Wis.**

Keep Your Boys on the Farm and Make the World Safe for Democracy

How!

1. By buying for that boy a pony, classy enough to win 1st at 1918 St. Fair. Will be sold by courtesy of Mr. Moyer during his sale. This is a real pony. Look him up.

2. By buying one or several of the following consignment:

1. S. V. Dora Princess Segis, A. R. O. 21.4, a granddaughter of King Segis. Dam of S. V. Dorena Pontiac, Jr. 3, 26.43.

2. Burtondale Edna Segis 22.43, granddaughter of King Segis. Dam of S. V. Edna Lyons, Jr. 2, 22.88. S. V. Edrica Lyons, Jr. 2, 16.50, etc.

The two foregoing are with calf by our herd sire, Colantha Lyons Joh, who is sired by King Joh and out of a 30-lb. daughter of King Lyons. He has 28 daughters, averaging over 30 lbs.

3. S. V. Dora Lyons 2d, sired by King Lyons 3d and out of a 25-lb. granddaughter of King Lyons. 2d dam S. V. Dora Cornucopia 25.65, daughter of Sir Sadie Cornucopia. This heifer is heavy in calf to King Joh Marcella Lyons, 1st prize yearling son of King Joh, at 1918 N. Y. St. Fair. Just figure the number of 30-lb. dams which this unborn calf will have.

4. S. V. Ellen Lyons, 3d prize Sr. heifer calf 1918 N. Y. State Fair. Beaten only by Uncle Bob Haeger. Sired by King Joh Lyons, 1st prize yearling 1917 N. Y. State Fair. Now owned by Woodlawn Farms, Sterling, Ill. Will breed her to Colantha Lyons Joh if desired.. She has 41 dams that average over 30 lbs. and coupled to Colantha Lyons Joh would give her calf 28 more 30-lb. dams.

5. A 10-mos. daughter of King Joh Lyons (see above and out of the daughter of No. III.)

There are a few more of this kind. Would not some of this kind keep a boy or any one else on the farm?

Any queries in regard to the above consignment cheerfully given.

R. M. STONE & SON

Phone 24-M MARCELLUS, N. Y.

The High Bidder Owns Him—

A Son of a 39-lb. Cow

8

Times in Six Generations to

Pontiac Korndyke

From an Almost

40-lb. Dam

In the Moyer February Sale

I want you to get definitely fixed in your mind just what is represented in the pedigree of this bull. He is sired by Rag Apple Korndyke Colantha, a young sire with 8 tested daughters running from 12 to 20 lbs. as 2-year-olds, he by the famous Rag Apple Korndyke 8th from a 30-lb. daughter of Pontiac Korndyke. Rag Apple Colantha is a ¾ brother to the first 30-lb. 2-year-old, which heifer is also the youngest 30-lb. cow in the world.

His dam, a member of the Pine Grove herd, is the third highest record daughter of Pontiac Korndyke. She made 39.43 lbs. butter from over 600 lbs. milk without any preparation and in her present location it is expected she will materially increase this showing. She is a sister to Fairview Korndyke Mata, 47.16, and also to Korndyke Winona, 42.16, and to no less than 16 others with records above 30 lbs. Her dam, a 22-lb. cow, is also by Pontiac Korndyke and in addition is the dam of Fairview Korndyke Hengerveld 4th, 29.34. The third dam, also an A. R. O. cow, is again by Pontiac Korndyke.

This is the only time in history you have had an opportunity to buy at your price so high a record bull, bred so intensely to that greatest of all sires, Pontiac Korndyke. Think what it means to own such a sire—one that carries 75 per cent of the blood of Pontiac Korndyke. It is questionable if there is another sire living today of this fellow's age (20 months) that can be bought at your own price. His two nearest dams average over 36 lbs. and his seven nearest dams average almost 29 lbs.

H. W. CAMPBELL Canastota, N. Y.

40lbs. *and* Individuality

The public appreciates individuality.

It wants 40-lb. breeding, too.

Here's both.

And the public is to say what the price is to be.

For he is to be sold in **Moyer's Feb. 18-19-20 Sale** at Syracuse.

This picture does not do the bull justice—a straight top line—beautiful head — size — individuality in keeping with his breeding.

His sire is a son of the great Aaggie Cornucopia Johanna Lad and has already a fine list of daughters with every prospect in the world for a very large number of high record daughters in time.

His dam is the very fine new 40-lb. cow, Otego Valley Christmas Belle. She is to be sold at Philadelphia next June together with her wonderfully good baby son sired by Pietertje Hengerveld Segis. They will be headline features of that sale.

If you want a real high class 40-lb. bull be sure to give this one full consideration.

Ask Mr. Moyer for a catalog and study his breeding. Look him up at the sale and judge the individuality for yourself.

Tuberculosis free — guaranteed for sixty days.

Right in every way, therefore—so buy him.

This bull is ready for heavy service. He is three years old. His dam is one of the really good forty-pound cows. His sire comes from one of the greatest milk producing strains of the breed. His sisters are making good. He ought to be a great sire of both individuality and production if breeding is to count for anything.

LINN KINNE Utica, N. Y.

Nebraska Breeders' Sale

FEB. 11-12 1919

SOUTH OMAHA, NEBRASKA

120 — HEAD — 120

Consigned By These Reputable Breeders

UNIVERSITY OF NEBRASKA
WOODLAWN DAIRY
W. J. JENKINSON
E. C. SWANSON
DWIGHT WILLIAMS
J. B. BRANSON
UNION COLLEGE
B. B. DAVIS
H. C. LANGAN
C. J. FURRY
D. M. HILDEBRAND
J. R. FOREE

A Special Feature

Will be the Dispersal of the Herd Owned by H. C. Langan

This herd is rich in the blood of King Segis Pontiac Combination, King Segis, King Segis Pontiac and Rag Apple Korndyke 8th. It includes a 30-lb. cow, a 28-lb. cow, a number of 2-year-olds from 20 to 23 lbs. and no less than fifteen daughters of Rag Apple Kalmuck Boon and five daughters of King Segis Pontiac Combination. The herd is headed by a yearling son of King Korndyke Colantha Ormsby from a 31.14-lb. sister to Duchess Skylark Ormsby.

These Animals to Be Sold

Dora Sarcastic	32.19
King Colantha Clothilde Ormsby (Dam's record)	31.14
Canary Lady Beets 2d	30.73
Rag Apple Canary Beets (Dam's record)	30.73
Rag Apple Kalmuck Boon (Dam's record)	30.50
Segis De Kol Johanna 2d	20.23
Rag Apple Clyde (Dam's record)	30.05
Loup View Maud Plus (Dam's record)	30.18
Queen Bess Walker of Cedarside	28.31
Clema Wayne Butter Girl	26.35
Pelletier Pontiac Tekstra	2y 25.58
K S L Regina	3y 23.94
Aaggie Kalmuck	2y 23.00
Buttercup Pietertje Wayne 3d	22.83
Lakota Queen Bess	22.42
Hilltop Gertrude Veeman 2d	22.47
Loup View Lady	22.36
Twisk Beauty Hamilton	22.00
Loup View Thilda De Kol	2y 20.00
Rag Apple Korndyke Boon Lotta	2y 20.25

Every Animal is Unblemished.
Every Female of Milking Age has an A. R. O. Record.
Every Mature Cow has a Record Above 20 lb.
Every Animal is Over Six Months and Under Eight Years of Age.
Every Animal is a Perfect Individual.
Every Animal Insured for Sixty Days from Date of Sale.
Plan Now to Come to This—the Greatest Sale Ever Held in Nebraska.
It Matters Not What You are Seeking to Purchase You Will Find it in This Great Sale.
Get Your Catalog Today From the Sale Manager.

Dwight Williams Sale Manager **So. Omaha, Neb.**

THE WILLINGTON HERD

SENIOR SIRE—King Segis Pontiac Willington, 158145

the best son of King Segis Pontiac Alcartra and out of Prilly Princess Julia De Kol (30.44 lbs. butter at 4½ years of age). His first daughter to be tested made at 21 months 23.97 lbs. butter from 390.5 lbs. milk.

JUNIOR SIRE—King Korndyke Fannie Veeman, 199675

the best son of King Korndyke Sadie Vale, the only sire to have a 40-lb. daughter, a 40-lb. dam and a 40-lb. sister, and out of a 30.51-lb. daughter of Sir Veeman Hengerveld.

Our herd is under the supervision of the U. S. Dept. of Agriculture and is guaranteed free from disease.

Our only offering at this time is three bulls, three months old, two sired by King Segis Pontiac Willington from 28.81 and 30.02 lb. dams, and one sired by a 34.36 lb. son of King Segis and from an untested daughter of Count Segis. Priced low considering the quality. If in need of a bull, give us a try.

GARDINER HALL, Jr. & CO.

R. L. Birdsall, Mgr. **South Willington, Conn.**

A Proven Herd Sire For Sale

As a large proportion of our herd is closely related to him, we are offering our senior sire

Johanna Colantha Paul Parthenea

No. 109888—Born Feb. 14, 1913

He already has 11 A. R. O. daughters with records up to over 23 lbs. at 3 years and over 19 lbs. at 2 years. All are heavy milkers and great dairy cows.

He is a son of Colantha Johanna Champion and the former world's champion, Caroline Paul Parthenea. His two nearest dams are both 1200 lb. cows and average 1228 lbs. butter, 26,252.6 lbs. milk in a year, with over 35 lbs. in 7 days.

The three nearest dams average 1096.93 lbs. butter in a year.

We are pricing him to sell immediately.

R. J. SCHAEFER

Hillside Stock Farm **Appleton, Wis.**

Established 1891

"On the Federal Accredited List."

(Continued from page 54.)

trying to make a living by grain farming.

Mr. Murphy who before coming to Iowa as a young man lived in one of the cheese areas of Wisconsin and knew the ins and outs of the cheese-making industry has made it his policy to bring over a trained cheese-maker from Wisconsin, the best he could get, to take charge of each factory as it has been opened. He has had the wisdom besides to go slowly. The factories each represent an investment of only about $3000 and have been established one by one as those already in operation made good. While building factories Mr. Murphy has been conducting a campaign of education among patrons of the factories to get them to better their herds. As a consequence there are now here and there in the territory tributary to the factories farmers with one, two, three, four and more Holsteins. As they discover and their neighbors also see the increase in the amount of pay checks that follows the introduction of Holsteins among the scrubs, the improvement of the dairy herds is progressing fast. Holsteins browsing on every hill of the new cheese area seems no idle dream.

No better proof of the success of the Murphy venture into new fields of industry need be had than the fact that farmers in two different districts outside the area of Mr. Murphy's operations have become so convinced of the wisdom of cheese factories that they have got together and opened two co-operative cheese factories and with the advice and help of Mr. Murphy are making good. One of these factories at Farmersburg, Iowa, is shown in photograph.—F. L. Clark.

1918 now for 1919

Free Milk Record Sheets

Year's supply without charge. Write today and we will send FREE BOOK on Cow and Calf Diseases, invaluable to every dairyman or breeder. Now is the time to cure and prevent

Scours and Cholera

with CURA-BOS SCOUR REMEDY. Guaranteed. $1 and $2 sizes, prepaid. Act now, before too late.

Troy Chemical Co. 378 State Street Binghamton, N. Y

Mfrs. of Cura-Bos, Save-The-Horse and other Famous Veterinary Remedies.

A Son of King of the Pontiacs For Sale

We have only a few sons left and the man that gets one now will be at the top for the next few years. We have a very choice youngster about ¾ white, born last June.

His dam is a 21-lb. daughter of Johanna King Segis who was recently purchased by Winterthur Farms as a junior herd sire and who is a 40-lb. grandson of the great King Segis.

It is almost impossible to get the blood of King of the Pontiacs in combination with that of one of the great 40-lb. cows and King Segis and this opportunity to secure that very combination should not be overlooked.

G. G. BURLINGAME **Cazenovia, N. Y.**

There's Not An Unknown Quantity In His Pedigree

THE MIGHTY MONARCH

World Famous — Every One

BACKED BY THESE FAMOUS COWS

(DAM) SEGIS HENGERVELD FAYNE JOHANNA 47.35

(DAM'S DAM) SEGIS FAYNE JOHANNA . . . 50.68

(DAM'S GRANDAM) VIKINA JOHANNA 39.43

(FROM A GRANDDAUGHTER OF) GRACE FAYNE 2d's HOMESTEAD . . 35.55

(HIS SIRE) KING of the PONTIACS

(HIS SIRE'S SIRE) PONTIAC KORNDYKE

(HIS SIRE'S GRANDSIRE) HENGERVELD DE KOL

AND HISTORY MAKING SIRES

BROAD MEADOWS FARM

P. T. BRADY, Owner PAWLING, N. Y. H. E. LEE, Herd Mgr.

Would You Breed Your Best Cow to This Sire?

King Sadie Vale Imperial

"The Complete Bull"

His own dam made
Butter 30.20

His dam's dam made
Butter 36.59

His third dam made
Butter 31.66

His dam's grandam made
Butter 36.20

His sire's dam made
Butter 41.06

His sire's grandam made
Butter 30.64

His sire's other grandam made
Butter 37.21

He is the only bull in the world with his seven nearest dams all above 30 lb. They average 34.80.

The fee for approved cows is only $150.

Send for his pedigree.

Geo. H. Phelps

Vernon, N. Y.

40-LB. BREEDING

I Offer

King Segis Twisk Pontiac

Born April 25, 1915.

He is sired by the 40-lb. bull King Segis Pontiac Konigen.

His dam is Mottled Twisk Mutual 2d with 23.45-lb. and dam of Mottled Twisk Pontiac 30.61-lb. and Mottled Twisk De Kol Mutual 31.97-lb. and grandam of Mottled Twisk Mutual Pontiac with 37.38-lb. at 4 years.

He will be sold cheap to avoid inbreeding.

J. V. FREDERICKS

Canajoharie, N. Y.

Leading Records Listed in This Number

Short-time Official Records

Full Aged Class

Name, Number and Owner of Cow	Age y.	m.	d.	Milk lbs.	PerCent fat.	Fat lbs.
Sunrise Hengerveld Caroline 137314, Mace, Abbott & Clark, Cortland, N. Y.	8	8	1	730.1	4.50	32.853
Segis Isabella 178428, H. A. Moyer, Syracuse, N. Y.	7	5	4	605.0	4.58	27.701
Oak Dale Burke De Kol 255690, Hargrove & Arnold, Norwalk, Iowa	5	3	23	625.1	4.10	25.640
Pietertje Fayne Gerben 144462, Elliott Brothers, Woodward, Iowa	8	9	2	625.5	4.06	25.430
Spring Farm Lucy Pontiac 241849, F. M. Jones, Clinton, N. Y.	5	4	3	608.4	4.14	25.163
Josika 3d 159419, Elliott Brothers, Woodward, Iowa	7	7	7	601.4	4.16	25.002
Buffalo Eleanor Skylark 132528, W. H. McIntosh, Dunkertown, Iowa	8	8	16	558.3	4.47	24.960
Topsy Clothilde Fobes 172806, Elliott Brothers, Woodward, Iowa	7	7	11	623.8	3.99	24.947
Amelia Magali 159251, Broadbent & Luker, Waterville, Minn.	7	11	15	533.8	4.66	24.883
Spring Farm Pontiac Agatha 163922, F. M. Jones, Clinton, N. Y.	7	3	27	587.7	4.20	24.694
Novelty Pauline 2d 130696, J. J. Jeffries, Burbank, Cal.	8	11	16	634.6	3.88	24.654
30-day record				2766.3	3.71	102.701
Lady Lyons Beets 277791, D. G. Maxwell, Waterloo, Ia.	6	4	25	575.3	4.27	24.540
Vera Walhalla Princess 224170, J. W. Benoit, Modesto, Cal.	6	2	19	561.2	4.35	24.403
May Rosa 7th 136834, F. M. Jones, Clinton, N. Y.	9	1	13	594.6	4.10	24.375
Hark Prilly Colantha 192558, Fred Morrison, Jr., Bayle City, Ill.	6	0	5	681.5	3.57	24.336
30-day record				2892.7	3.42	99.012
Mollie De Kol Burke Clothilde 3d 139943, G. F. Smith, Barre, Mass.	8	8	6	623.7	3.89	24.264
Pense Pietertje 127537, Elliott Brothers, Woodward, Ia.	9	4	24	524.4	4.59	24.070
Veronica Madrigal 132534, Struve Bros., Plymouth, Wis.	9	1	9	639.5	3.76	24.065
Daisy Hark Colantha 192551, Fred Morrison Jr., Bayle City, Ill.	5	9	10	509.6	4.72	24.031

Senior Four-Year Class

Name, Number and Owner of Cow	Age y.	m.	d.	Milk lbs.	PerCent fat.	Fat lbs.
Segis Fayne Pietertje 231139, Oliver Cabana Jr., Elma Center, N. Y.	4	7	18	551.0	4.58	25.219
K. K. S. V. Amy Veeman 253791, Abbott & Clark, Cortland, N. Y.	4	6	11	506.7	4.56	23.122
Rookwood Zwelle Riblet 244903, Guy Wakefield, Fowlerville, Mich.	4	9	17	551.8	4.19	23.102

Junior Four-Year Class

Name, Number and Owner of Cow	Age y.	m.	d.	Milk lbs.	PerCent fat.	Fat lbs.
Mottled Twisk Pontiac Mutual 250208, Oliver Cabana Jr., Elma Center, N. Y.	4	3	24	526.6	5.68	29.927
Lady Artis Glenna Jessie 254975, Elliott Brothers, Woodward, Iowa	4	5	26	615.9	4.05	24.957
Spring Farm King Pontiac Maid 276749, F. M. Jones, Clinton, N. Y.	4	4	17	597.3	4.16	24.831
Oakhurst Walker Segis 283262, D. N. Hartt, Cazenovia, N. Y.	4	5	23	636.1	3.99	24.497
Queen Van Betta 265162, Hargrove & Arnold, Norwalk, Iowa	4	1	18	591.5	4.10	24.223
Weedie Mercedes Mechthilde 294069, Lake Side Dairy, Lake Odessa, Mich.	4	0	22	617.9	3.87	23.928
Glen Canary De Kol 2d 227232, E. C. Schroeder, Moorhead, Minn.	4	5	18	564.2	4.18	23.581

Senior Three-Year-Class

Name, Number and Owner of Cow	Age y.	m.	d.	Milk lbs.	PerCent fat.	Fat lbs.
Piebe Canary Belle De Kol, 298757, J. J. Jeffries, Burbank, Cal.	3	9	18	501.7	4.89	24.512
Rag Apple Johanna McKinley Segis 338366, D. G. Maxwell, Waterloo, Iowa	3	8	9	506.2	4.74	24.014
Beaver Dam Mercedes Segis 260323, Julius Schmid, Montgomery, N. Y.	3	7	18	438.5	4.84	21.224

Junior Three-Year Class

Name, Number and Owner of Cow	Age y.	m.	d.	Milk lbs.	PerCent fat.	Fat lbs.
Superba Palmyra 314141, Oliver Cabana Jr., Elma Center, N. Y.	3	0	5	678.4	4.63	31.388
Lady Jetske Cornucopia 335575, F. M. Jones, Clinton, N. Y.	3	4	17	473.5	4.75	22.494
Oak De Kol Korndyke 294037, Lisle Farms Co., Lisle, Ill.	3	4	6	604.5	3.64	21.984
30-day record				2284.9	3.89	88.903

Senior Two-Year Class

Name, Number and Owner of Cow	Age y.	m.	d.	Milk lbs.	PerCent fat.	Fat lbs.
Parthenea Jewel Korndyke 340500, Hargrove & Arnold, Norwalk, Iowa	2	11	16	434.6	4.34	18.871
Fancy Korndyke Segis 303835, Lothian Riverode Stock Farms, Novelty, Ohio	2	11	7	576.2	3.14	18.069

Junior Two-Year Class

Name, Number and Owner of Cow	Age y.	m.	d.	Milk lbs.	PerCent fat.	Fat lbs.
Albina Josie 2d 347512, Oliver Cabana Jr., Elma Center, N. Y.	2	1	11	402.0	4.93	19.814
Fairmont Alcartra Pietertje 366901, J. T. Shanahan, E. Aurora, N. Y.	2	5	12	484.0	3.92	18.950
Segis Beets Netherland 436654, D. G. Maxwell, Waterloo, Iowa	2	0	26	378.5	4.72	17.861
Broadhurst Pontiac Segis 337850, J. H. Broad, Morrisville, N. Y.	1	11	18	373.2	4.72	17.605
Pabst Korndyke Cornflower 326503, Pabst Stock Farm, Oconomowoc, Wis.	2	1	2	420.0	4.12	17.299
Pabst Pontiac Clover 318750, Pabst Stock Farm, Oconomowoc, Wis.	2	5	7	434.1	3.79	16.446
30-day record				1942.2	3.41	66.205
Broadhurst Pontiac Rag Apple 337849, J. H. Broad, Morrisville, N. Y.	2	1	22	400.8	4.05	16.250

Long-time Semi-official Records

Full-Aged Class

Name, Number and Owner of Cow	Age y.	m.	d.	Milk lbs.	PerCent fat.	Fat lbs.
Miss Pietertje Alexina 2d 196788, Hargrove & Arnold, Norwalk, Iowa	5	5	25	24219.1	4.26	1032.75
Lady Mutual Friend 118829, Hargrove & Arnold, Norwalk, Iowa	9	2	15	23388.9	4.38	1025.17
Frysian Waldorf 155158, Iowana Farms, Davenport, Iowa (305 days)	7	2	15	24006.3	3.43	823.79
Lena De Kol 3d 89370, Cleveland City Farm, Warrensville, Ohio	11	0	26	26768.8	3.52	942.30

Highland Colantha Ononis 173405, G. W. Everson, Ft. Plain, N. Y.	5	11	19	24490.5	3.83	939.04
Calamity Wayne Pauline 2d 137625, Dairy Division, Beltsville, Md.	8	0	2	22547.8	3.79	855.41
Artis Pontiac Susie Judith 177956, Hargrove & Arnold, Norwalk, Iowa (305 days)	5	7	28	16787.8	4.19	702.57
Riverside Sadie Burke 99697, A. W. Morris & Sons Corp., Woodland, Cal.	10	5	27	21877.3	3.49	763.75
Queen Van 2d 192917, Hargrove & Arnold, Norwalk, Ia.	5	6	9	17395.9	4.18	727.58
Johnston Inka 172523, O. J. Grover, Glyndon, Minn.	6	0	6	19718.7	3.59	707.56
Johnston Alma Marie 188300, O. J. Grover, Glyndon, Minn.	6	9	20	20095.0	3.52	706.58
Hazelwood Mercedes Butter Girl 149359, J. L. Smith, Spokane, Wash. (305 days)	6	10	7	18083.7	3.36	608.44
Lilith Gem Kolkluff 178088, State College, State College, Pa.	6	0	17	22247.1	3.06	680.88
Modjeska Crane 2d 243325, J. H. Harlan Co., Woodland, Cal.	8	0	26	17814.8	3.76	669.04
Senior Four-Year Class						
Zubrod De Kol Johanna 3d 206114, Mrs. H. C. Scudder, Trenton, N. J.	4	10	16	20254.8	3.21	651.07
Miss Dutch 2d 199668, A. W. Morris & Sons Corp., Woodland, Cal.	4	8	6	17429.0	3.53	614.63
Junior Four-Year Class						
Alice Tritomia Ormsby 221365, T. H. Skrei, Glyndon, Minn. (244 days)	4	2	10	15734.7	3.51	552.80
Canary Longfield Pet 2d 229377, C. H. Starke, Red Cloud, Neb. (305 days)	4	0	17	16352.5	3.33	544.34
Senior Three-Year Class						
Jewel Pontiac Segis 229261, J. M. Hackney, St. Paul, Minn.	3	10	0	27068.5	3.46	936.92
Belinda Cornucopia Mechthilde 2d 231583, W. W. Pflug, La Grange, Ill. (305 days)	3	10	4	15406.9	3.58	552.16
Irma Grace Charline 261977, Agricultural College, Stillwater, Okla.	3	8	20	12783.9	3.62	462.22
Junior Three-Year Class						
Sally Hemlock 281465, Daisy Hill Farms, Chagrin Falls, Ohio (305 days)	3	3	5	14289.4	3.72	531.45
Queen Van Betta 265162, Hargrove & Arnold, Norwalk, Iowa	3	1	28	13866.0	4.14	573.80
Hazelwood Leda Ormsby 266782, J. L. Smith, Spokane, Wash. (305 days)	3	3	15	13443.9	3.69	496.37
Dutchland Creamelle Colantha Vale 293041, F. F. Field Holstein Co., Brockton, Mass. (279 days)	3	1	25	13618.2	3.64	495.92
Maplecrest Banostine Pontiac 239317, Ralph King, Mentor, Ohio	3	5	19	14515.2	3.75	544.79
Fidorence 2d 253788, J. H. Harlan Co., Woodland, Cal.	3	4	2	13342.9	3.89	519.57
Miss De Kol Pietertje Sharp 288531, Henry McCall, Prineville, Oreg.	3	4	5	15486.5	3.24	502.96
Senior Two-Year Class						
Beauty Beets Walker Segis 290163, J. M. Hackney, St. Paul, Minn.	2	8	10	25343.3	3.28	832.51
*O. K. L. Albina 267383, Julius Schmid, Montgomery, N. Y.	2	11	3	22270.5	3.46	770.26
Kirby Hengerveld Inka De Kol 275530, Hargrove & Arnold, Norwalk, Iowa	2	9	18	14790.9	4.23	625.78
May Walker Ollie Homestead 300043, William Wright, Fergus Falls, Minn. (305 days)	2	7	21	13166.6	3.86	507.52
V. P. I. Javoca De Kol Korndyke 283829, Virginia Polytechnic Inst., Blacksburg, Va.	2	9	17	15592.6	3.55	554.29
Forest City De Kol Stella 268948, Cleveland City Farm, Warrensville, Ohio	2	7	14	16919.6	3.22	545.59
Illini Homestead De Kol 283011, University of Illinois, Urbana, Ill.	2	7	16	16018.7	3.18	519.97
Junior Two-Year Class						
Erna Mira Hengerveld 2d 275531, Hargrove & Arnold, Norwalk, Iowa	2	5	22	13897.2	4.16	578.50
Walcowis Ollie Watson 344457, Nathan Dickinson & Son, Lake Geneva, Wis.	2	2	20	14810.9	3.87	572.73
Elm Side City Farm Fedora 328909, Daisy Hill Farms, Chagrin Falls, Ohio	1	11	18	17971.0	3.17	570.47
Ollie Piebe De Kol 290168, William Wright, Fergus Falls, Minn. (305 days)	2	5	1	12711.4	3.34	424.59
V. P. I. Norma Veeman 2d 277741, Virginia Polytechnic Inst., Blacksburg, Va.	2	5	15	15240.0	3.23	491.73
S. H. Nellie Cornucopia Johanna 324922, U. S. Soldiers' Home, Washington, D. C.	2	1	20	15158.1	3.20	484.67
Official Records Begun Not Less Than Eight Months After Freshening						
Ismay Belle De Kol 218028, Donley & Simpson, Morrison, Colo.	6	8	8	495.1	4.14	20.509
Dutchland Colantha Denver 153823, F. F. Field Holstein Co., Brockton, Mass.	6	11	27	465.1	4.16	19.331
Zanke Mercedes Posch 181305, C. E. Peabody, Bothell, Wash.	7	3	18	553.7	3.13	17.349
Queen Segis Hengerveld Model 216439, V. S. Culver, Stillwater, Minn.	5	6	7	450.3	3.39	15.281
Jolie Ona Pontiac 211449, Ralph King, Mentor, Ohio	5	2	14	470.1	3.22	15.159
Pontiac Tidy 223480, State Hospital, Pontiac, Mich.	5	4	11	405.6	3.60	14.592
Hertinga Wills 144098, W. J. Higdon, Tulare, Cal.	7	3	14	380.8	3.73	14.210
Sadie Friend Segis 253861, Hargrove & Arnold, Norwalk, Iowa	4	6	16	317.6	4.51	14.318
Beauty Beets Walker 202817, J. M. Hackney, St. Paul, Minn.	4	10	9	359.7	3.43	12.337
Fytje Changeling Mercedes Ormsby 227234, T. H. Skrei, Glyndon, Minn.	4	3	25	371.7	3.76	13.970
Chloe Pietertje Ormsby 281908, T. H. Skrei, Glyndon, Minn.	3	1	12	337.1	4.14	13.948
Coloma Beauty Butter Maid 293381, W. J. Higdon, Tulare, Cal.	3	0	12	358.8	3.64	13.076
O. K. L. Albina 267383, Julius Schmid, Montgomery, N. Y.	2	11	3	465.6	3.96	18.430
K. P. Princess Bettina 275439, Ralph King, Mentor, Ohio	2	11	14	353.0	4.03	14.226
Veeman Grace Piebe 300042, J. M. Hackney, St. Paul, Minn.	2	8	13	410.9	2.80	11.489
Walcowis Pontiac Jessie 335109, N. Dickinson & Son, Lake Geneva, Wis.	2	0	18	376.7	3.72	14.002
Bess Ormsby Maid 333425, O. J. Grover, Glyndon, Minn.	2	2	6	326.8	3.95	12.920
Von Heim Winnifred Colantha 329334, J. G. von Herberg, Kent. Wash.	2	1	4	336.9	3.43	11.547

After Calving

Every Cow Should be Treated With

Hood Farm Breeding Powder

It cleanses, disinfects, causes the cow to clean quickly and breed readily. It is a safeguard against abortion, there is less use of the bull, and calves are stronger.

We quote what Mr. H. F. Weaver, of Millard, Wis., says:

"I have used your Breeding Powder for about four years with very good success. I think if every dairyman made a practice of injecting every cow three or four times after calving there would be very few barren cows."

Treatment of all cows with Hood Farm Breeding Powder is the most profitable and economical thing you can do.

Mail an order today, mentioning this paper.

Prices, prepaid, $1.15, $2.75 and $5.00. Flexible Injection Tube, by mail, 90c. Mammoth size Breeding Powder and Tube, prepaid, $5.75.

C. I. HOOD CO., Lowell, Mass.

S T WOOD

The Only Exclusive

Director of Public Sales

Liverpool, N. Y.

A Grandson of King Segis

and

De Kol 2d's Butter Boy 3d

Walker Copia Champion 101262. His dam and sire's dam held world records in their day. He is first cousin to Segis Fayne Johanna, King Korndyke Sadie Vale, King Segis Pontiac Count and King Segis Pontiac Konigen; and his dam is comparable to theirs. But he is seven years old and can be bought at 1-20 of their price.

H. B. COWLES 608 Kan. Ave., Topeka, Kansas.

From

Johanna Dams—Ormsby Sire

21 lb. at 2 yrs. 30 lb. at 4 yrs.

Investigate the breeding of one of our bulls.

"Home of the Johannas"

W. J. GILLETT & SONS

ROSENDALE, WIS.

DO YOU KNOW?

1—That King Walker Johanna Lad heads the Summit Farms herd of over 100 head of pure bred Holsteins?

2—That he is sired by the great King of the Black and Whites who was the first bull of the breed whose seven nearest dams averaged over 30 lbs. butter in 7 days?

3—That his dam is the best daughter of the famous Lottie Walker Spofford, the first cow in the U. S. to make four consecutive records above 30 lbs.?

4—That he is being bred to the elite of our herd including the 33-lb. junior 3-year-old Champion of New England?

5—That his daughters are a splendid lot, showing a constitution and individuality conforming with the ideal dairy type?

6—That we are offering several straight, handsome sons from A. R. O. dams that are ready or nearly ready for service at prices that are within the grasp of the average dairyman?

Prices and pedigrees furnished upon request.

Summit Lumber Co.

Davidson, Maine

Ezry at His First Holstein Sale

"Say, Henry, did ye ever intend one of them Hulsteen sales where they sell regeler ordinary bulls and milkers for around a hundred-thousand dollars apiece and as a matter of course, by gum! A feller that set side of me told me so confidential?

"Wall, to begin with, I'd been hearin' tell of the way these Hulsteen folks carried on fer a long time, and I finally sez to Marthy, 'Let's us take our lives and our pocket-books in our hands jest for once and intend one of them things. It can't be any riskier than the lotteries at the county fair and they never stung your Uncle Cyrus there yit. Here we lived a mile outside of Syracuse for goin' on thirty year and ain't never gone up to Liverpool to the Sale Palace they got there. Lets me and you surprise 'em and take in the next rally of them cow-cranks. Mebbe we ain't so slow as they think we be and if I was to find a likely looking animul going fer round $75 or so, I might consider gitting into their game myself—fer of course I ain't so green as to believe them smarties that try to stuff me full of their thousand-dollar yarns.'

"So thats how Marthy and me came to go up to the city one day—we don't aim to git caught up there very often fer we don't speak the same language or somethin'—and after a canful of trouble and questions and tryin' to catch on slyly to the way they negotiate street-crossings and the like, we finally got planted on one of them streak-cars headed for the Liverpool Sale Palace.

"After a nice little ride out to the serbubs of Syracuse, we come to this here Palace where the Hulsteen arostocracy condescend to let their owners sell 'em fer more money than you ever heard of before in your hole life—but I'm gitting ahead of my story.

"As I was sayin', we got safely inside this building which wasn't so select-like and magnificent as I'd been supposin' palaces was—but it seems they put their money into the ring 'stead of in the building, but as I was saying, in we went and somehow managed to sort out two empty seats—fairly fightin our way through the worse hullaboo ye ever saw short of purgatory.

"'Don't suppose we got into the wrong pew, do ye, Ezry?' Marthy whispered nervously, 'Ye better feel of your left-hand hind pants-pocket in case this crowd ain't all it might be. I told ye we was running a risk in gittin mixed up in a suspicious-looking company such as this has panned out and mebbe it would be better to git right up and go before they start something.'

"'Don't be skeered, wife,' I assures her bravely, tho I might as well confess that one of them geezers over inside the rail sort of made me uneasy the minute I set eyes on him.

"'I guess I better be goin'. Ezry,' I heard a far-away voice gaspin at this point. 'And ever since we come in that man has had his eye right on us and I don't know what to expect next.'

"The man Marthy was referrin' to so fearfully was a tall gray-haired sharp lookin' feller who kept hollering such things as these to the crowd, 'I'd rather have 'em that way.' 'You can go home and mark down yours.' 'That's the best thing that's been on the shavings today,' 'See 'em all sit there like a bump on a log,' 'If he's got all them dams, he's a dam good bull.'

"But while I was tryin to collect my wits and act as if I felt perfuctly easy and natural-like, a little geezer all dolled up in a head-waiters suit come into the ring leading one of the purtiest Hulsteen critters ye ever laid eyes on. Sez I to Marthy, 'Look-a-there, Marthy, did ye ever see a likelier looking four-legged female? Gosh darn it! I'm a good will to lay a bid on that little caow and show these slick city suckers that we know a good thing back in the woods same as them. Now don't ye cross me, Marthy, I'm a-goin to have a hand in this xcitement, I got most $75 in my jeans and there aint nobody going to stop me taking that little lady back to Crosslots Holler.'

"'Be ye in your right mind, Ezry?' my side-pardner whispered in trembling consternation, 'You don't know how they run these doings and ye'll liable git your head into the noose and wish ye hadn't. Go slow fer my sake, Ezry, fer ye're all I got in the world.'

"And just then, the feller up there besides the circus-trainer stepped over high and mighty-like, raised his hand fer quiet and all of a sudden ye could

(Continued on page 66.)

SPRING FARM PONTIAC CORNUCOPIA Now Heads Wellsland Farm Herd

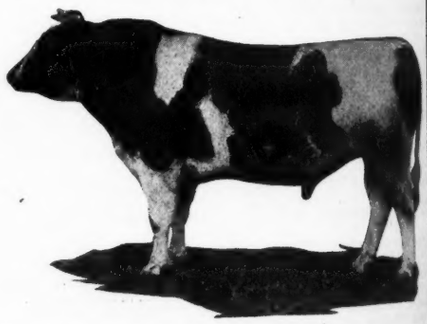
"The only bull with a 40-lb. dam and a 30-lb. 2-year-old daughter."

I have recently purchased this bull to head my herd. He is better known as the $15,000 son of K. P. Pontiac Lass, the first 44-lb. cow of the breed and as the sire of a number of the greatest bred young bulls of the breed.

Since January 1st, two of his daughters have crossed the 30-lb. mark, one as a two-year-old and the other as a three-year-old, while a number of others are making right around 20 lbs. as two-year-olds. He now has 28 A. R. O. daughters, which list, because of his almost unparalleled opportunity, will be materially increased within a very short time.

This great sire will stand at the head of my herd and a few outside services can be booked, for this year at least.

Individually, Spring Farm Pontiac Cornucopia is one of the finest bulls of the breed.



N. W. SALMON **Glenfield, N. Y.**

"CLASSY BULLS" Ready for Service

They Have Size, Conformation and Breeding

Combining in the Closest Possible Degree

Pontiac Korndyke

Sire of

147 A. R. O. daughters
20 30-lb. daughters
2 40-lb. daughters
4 40-lb. granddaughters
4 40-lb. great granddaughters
2 40-lb. great, great granddaughters
The first sire in the world to have a 38 lb. daughter.
The first sire in the world to have a 37 lb. daughter.
The first sire in the world to have a 1000 lb. butter fat daughter.

Colantha Johanna Lad

Sire of

117 A. R. O. daughters
20 30-lb. daughters
27 daughters with over 600 lbs. milk in seven days.
3 world's record yearly daughters
His dam the only cow that ever held all world's records from one day to one year.

Admiral Walker Pietertje

Sire of

60 A. R. O. daughters
5 30-lb. daughters
The first 20-lb. 2-yr-old.
The first 30-lb. cow with a 30-lb. dam and who produced a 30-lb. daughter.
The only 30-lb. cow with a 30-lb. dam and who has produced two 30-lb. daughters.

Note the Weights of These Calves

Here They Are

KING COLANTHA QUALITY, born Jan. 22, 1918. Eight dams average 30.35 lbs. butter and 580.2 lbs. of milk. Dam's record 29.54 lbs. butter. A sure 30-lb. cow next time. Weight, 1010 lbs. at eleven months.

KING QUALITY HENGERVELD DE KOL, born Jan. 27, 1918. Dam, Valentine Korndyke, 35.36 lbs. of butter. 2d dam, a 29.8 lb. daughter of Hengerveld De Kol. His eight nearest dams average 30.59 lbs. of butter. This calf weighs over 900 lbs. at ten months.

KING QUALITY CHAMPION, born Feb. 19, 1918. Dam, 31.31 lbs. at five years. Now owned at Pine Grove Farms. Five dams average 31.96 lbs. of butter, 584.9 lbs. milk. Weight, 900 lbs. at ten months.

KING MAXIE SEGIS COLANTHA, born March 4, 1918. Dam, 27.19 lbs. butter, 630.9 lbs. of milk. His sire is a full brother to Fancher Farm Maxie, 46.84 lbs. butter. The World's Champion sr. 4-yr-old. Weighs 830 lbs. at 8½ months.

These are straight, square bulls with two ends and a middle, nicely marked, light in color, tuberculin tested and guaranteed right.

Wire for prices.

BONALEVO FARMS

BATAVIA, N. Y.

R. E. CHAPIN & SON, Owners E. E. POOLE, Manager

Yearly Record Bull Calf

Born August 8, 1918

Sire: Iowana Sir Ollie, 2 A. R. O. daughters including the state record Jr. 2-yr-old for 7 and 30 days. He is a son of the famous 31-lb. cow, Ollie Watson Prima Donna and his sire a son of Jessie Fobes Bessie Homestead (34.96 in 7 days and 932.73 in a year).

Dam: Groveland Inka Netherland, butter one year 832.75 lbs., milk 19640.4. Butter 7 days 24.87 lbs., milk 556.2 lbs. Her sire is the old time show bull Groveland Inka Hijlaard and her dam a granddaughter of De Kol 2d's Butter Boy 3d. Calf is ¾ white and an outstanding individual. Write now for price, pedigree and photo.

WALCOWIS FARMS

N. Dickinson & Son Lake Geneva, Wis.

Pontiac Korndyke

has been coming some. No other bull ever duplicated his present year's work, with two daughters above 42 lbs., and four daughters averaging 41.57 lbs.

ONE OF HIS BEST SONS

heads our herd. His name is PRINCE KORNDYKE PONTIAC, and his dam is Pontiac Korndyke Maid, a 33-lb. daughter of Pontiac Korndyke.

BARGAINS IN HIS SONS are now offered, from good record, strongly bred dams.

One from a 26-lb. Daughter of King Segis

SOME COMBINATION!

Other young bulls by King Hengerveld Pietje, a son of Prince Hengerveld Pietje and Woodcrest Dora De Kol (35.89 lbs.), from dams up to over 25 lbs. as junior two-year-olds. Some from daughters of King of the Pontiacs and Rag Apple Korndyke 8th.

THIS QUALITY WILL MOVE QUICK. ADDRESS

HUGH J. DAVIS

Maple Ridge Herd Broadalbin, N. Y.

GOOD ADVERTISING IS GOOD BUSINESS

The favorite plaint of the breeder who has fallen asleep by the wayside is that advertising is a huge economic waste; that millions of dollars are spent and wasted in artificial attempts to stimulate selling, to the ultimate injury of both buyer and seller. Most people know more things that are not so about this subject than any other under the sun.

Let us see how much the big businesses, the big advertisers, spend. The average man hears talk every day about the millions and millions spent for advertising, and he finally gets the idea that somehow or other the buyer has got to pay for it.

Does the average breeder ever stop to realize that the thousands spent in Holstein advertising sell hundreds of thousands worth of goods—live stock that could never have been sold maybe at all or at least so cheaply in any other way? And it is this immense saving in selling costs that helps to make lower-priced animals.

Millions spent for advertising sounds big—thousands spent in breed advertising sounds big—but "hundreds of thousands, a million," worth of stock sold by advertising makes the actual amount spent for advertising look small indeed.

What is the exact ratio of advertising to sales anyhow? This is something every buyer would like to know.

The advertising of one of the leading paint manufacturers of the country averages 3 1-3 per cent of their total sales. In other words, for every dollar's worth of paint they sell, they spend 3 1-3 cents in advertising. This is about equivalent to the price of a postage stamp for every dollar's worth of goods sold.

Take clothing. Figures show that two of the largest clothing manufacturers spend 1½ per cent; the other 2 per cent. One of the greatest candy makers in the country and one of the most extensive advertisers spends 5 per cent.

Then the automobile and tire manufacturers with their double spreads Of two of the most famous builders in America, one spends 2 per cent, the other 3 per cent. As for Holstein advertising, do the largest and most consistent advertisers make it pay? Ask Oliver Cabana, ask the Fields, ask any or all of the breeders who have advertised for years and who are in-

DO YOU NEED A HERD SIRE TO PUT YOU ON THE BREEDERS' MAP?

A Son of Maplecrest Application Pontiac, 132652, Will Turn the Trick for You

CLUNY STOCK FARM · HOLSTEINS · Quality Production Health

He is a son of Friend Hengerveld De Kol Butter Boy, who, with Pontiac Aaggie Korndyke, sire of his dam, represent the wonderful combination of 7-day and yearly record production that has made Maplecrest Farms famous.

The 7-day record of Maplecrest Pontiac Application, his dam, is 35.1 lbs. butter; her yearly record is 1,344.3 lbs. butter. Her dam is Banostine Belle, also the dam of Banostine Belle De Kol, with 1,332.9 lbs. butter in a year. Banostine Belle is the dam of the World's Highest Record Sisters for yearly production, being the only cow in the world with two daughters with records averaging over 1300 lbs. butter and 25,000 lbs. milk in a year. The Blue Book shows Maplecrest Application Pontiac's dam to be the 6th, and his ¾ sister the 8th highest yearly record Holsteins.

Transmitting Ability in the Highest Degree shows everywhere in his Pedigree.

A son of his from one of our Big, Healthy Heavy Milking A. R. O. cows Will Turn the Trick for You.

Come and see, or write for photo and pedigree. Priced right. Herd under strict Federal Supervision.

R. BRUCE McPHERSON Howell, Mich.

creasing continually their space in the leading breed weekly and other national neutral weeklies. They will tell you, will give you actual figures to show that advertising has helped them to their present prominence and prestige perhaps more than any other one thing, and that the small per cent annually invested in sound advertising has brought in small fortunes as a result. It pays to advertise—if you choose the medium which has the confidence and liking of the buyer. The Holstein-Friesian World is the premier Holstein publication in this latter class and will return you a handsome profit for a small per cent spent in featuring your stock in its pages. Because advertising is the most efficient method of marketing ever devised by business enterprise, its effect is to decrease, not increase the sum total of selling cost. It is to the interest of both buyer and seller to believe in and patronize advertising. The World is at your service and in the interests of each.

H. S. K. W.

HOLSTEINS INCREASING IN VA.

A directory of Virginia breeders of purebred live stock gotten out by the extension division in February, 1916, showed that Virginia had 995 purebred Holstein-Friesian cattle, 1591 purebred Jerseys, and 431 purebred Guernseys. The same directory revised August 1918 shows that Virginia has 2315 purebred Holstein-Friesian cattle, 1790 purebred Jerseys, and 715 purebred Guernseys. The Holsteins have made a gain of 132 per cent, the Jerseys 12 per cent, and the Guernseys 65 per cent. The above figures show which breed is the favorite in Virginia. You hear from all sides that the Holsteins are making good in "The Old State." There are a large number of Holsteins on yearly test in Virginia.

"I see they have just dug up a corner stone of a library in Greece on which was inscribed '4000 B. C.,'" remarked a student to a Scotchman. "What do you suppose it means?" "It canna mean bu' one thing." answered the Scot solemnly: "Before Carnegie." —Credit lost.

"John," said his wife, "do you spell 'graphic' with one 'f' or two?" "Well, my dear, you may as well use two if you are going to use any."—Boston Transcript.

DODGE FARM WASHINGTON, CONNECTICUT

One Swallow does not make a Summer
Nor performance in one generation prove the worth of a Holstein bull or cow.

Breed for the Future

From Long Distance Stock

Proved for Several Generations on Each Side

We have the combination in

Two Tested Long Distance Families

of Three Generations Each

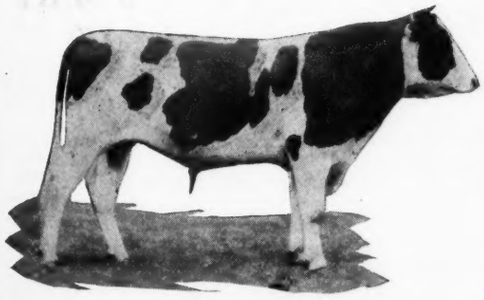
Line bred to

The Best Dairy Bull in New England

This is a cross that means
Fame to the Breed as Dairy Animals.

—: Get in Line :—

Send for a Pedigree "that's different."



King Korndyke Sadie Vale 24th

A Splendid Son of This Bull

Born November 1917, three-fourths white, large for his age, broad and deep bodied. His dam has 26 lbs. in 7 days, 98.5 lbs. in 30 days, and as a 2-year-old 644 lb. butter in a year. We are making a very attractive price on this calf.

Write for photo, pedigree and description.

W. B. BARNEY & SONS Chapin, Iowa

The Home of
MAPLECREST AVALON
No. 203845
The 1200-lb. Sire

Semi-Official Record

Sire—Maplecrest Avalon, three of whose four nearest dams average 1228 lbs. butter in a year, and who has three crosses of Friend Hengerveld De Kol Butter Boy and two of Pontiac Aaggie Korndyke, the two greatest yearly record sires of the breed.

Dam—A line bred De Kol 2d's Butter Boy 3d heifer, with 37½ per cent of that sire's blood. Record at 3½ years 17.22 butter from 419.8 lbs. milk, after waiting a month for tester. Milked 86 lbs. on her best day. Semi-official record at 4½ years for 278 days, 501.11 lbs. butter from 11,131.2 lbs. milk. An excellent individual that will have a much better record. Calf slightly more than half white. Price $200.00.

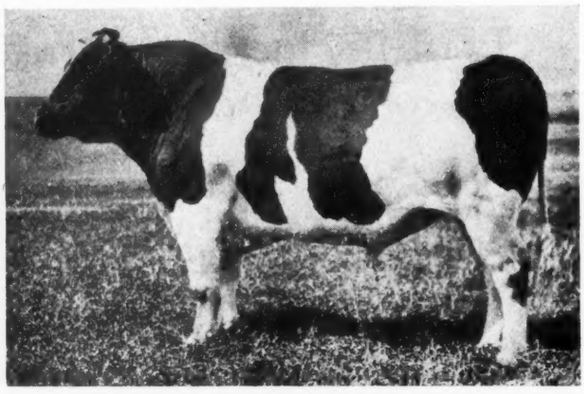
Herd regularly tuberculin tested by federal officials.

AVALON FARMS

E. D. CURTIS, Owner **Bantam, Conn.**

Sons of This Bull

Mutual Fobes Long-field De Kol



22 A. R. O. Daughters.
A Champion and sire of Champions.

From Dams Up to 31.5 Lbs.

Mutual Fobes Longfield De Kol is a son of Fobes Tritomia Mutual De Kol, from a 30-lb. 3-year-old former world's record daughter of Homestead Jr. De Kol. **They go quick—send for details.**

MILFORD MEADOWS STOCK FARM

Harry Faville, Mgr. **Lake Mills, Wis.**

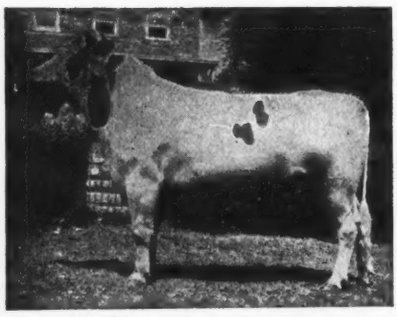
(Continued from page 62.)

a heard a pin drop. He was a big, tall commandin-appearing man and looked as if he been conditioned by a good feeder. I supposed he was there to lend a little dignity and rightousness to the occasion, tho not in his official elder's garb, and Marthy had thankfully bowed her head in prayer when he raised his hand, but it seems he want no minister at all fer instead of a prayer fer their souls, he begun in this wise, 'Ladies and gentleman! Turn to your catalogs and observe the sublime, the peerless breeding of the marvelously perfect young thing which stands before you. And you insult this typy beauty and the man who bred her by only offering the insignificant sum so far of a paltry five thousand. Out of a forty-pound dam, whose thirty nearest dams average 39.00009 per cent of butter-fat in a week; whose forty nearest dams on the sire's side average 799 pounds of milk in a week; whose great-great-great-grandam was a son of the sister to the sire of a 50 pound cow who in turn was sired by a son of the only cow to have five daughters with better than 40 pound each and whose own sire is the greatest-bred — —.'

" 'For the lands sake,' Marthy, what do ye suppose he's so worked up about?' sez I. 'Any fool can see that there heifer is a sight fer sore eyes.'

" 'Don't lose your senses, Ezry, and remember ye only got $75 with ye,' Marthy was praying in my ear, when all of a sudden a large, hoarse feller who seemed to be taking the bids from the crowd noticed how interested and xcited I was and probably remembering he had see me some time or other at our county-fair, he leaned over and bowed real polite and cordial-like. So I bowed back fast so as not to hurt his feelings and all of a sudden, the man up in the wood-box yelled 'Sold!' and then the greatest turmoil and noise broke loose ye ever heard and amid the shouting and tummumt voices around us was saying, 'Golly, but they had to work to git it! She was worth it all right. Yes, they all bid on her,—ther' all here. Well, they do say her breeding is the finest nick yet.' and finally I heard somebody remark, 'Wonder who the old rube was that bought her. He don't look as if he carried 10 thou on his person.'

"Well jist then, a stranger to me comes and bends over us and says, 'The management wishes me to congratulate you on securing the feature



Liseter Farms Herd

Newtown Square, Pa.

This is our herd sire, Model Annie King Segis 164697. A son of Mr. E. A. Powell's old show cow, Annie De Kol Butter Girl 72910, that made over thirty pounds three times. If you like his type and breeding, buy one of his sons. We have one from a 33-lb. cow.

J. L. AUSTIN

S. W. HAGAN, Herdsman **Rosemont, Pa.**

of the sale and will you kindly sign right here, please?'

"'Sign here!' says I incredolous and quavering, 'What ye mean, stranger?' 'Mean? Why I mean you've just bought the beautiful daughter of Rag Apple Johanna Lad Sadie Vale Veeman Ormsby Hengerveld De Kol, the only 60 pound bull in the world and for whose first daughter to be sold at public sale you have just paid the tiny sum of ten thousand dollars. Kindly put your name to this paper at once, Mr. —— Mr. ——.'

"'Ezry, ye've done it!' came Marthy's frightened tones, and then I heard snickerings and derisive mutterings around us and somebody says, 'The old rube nodded at Haeger and he struck her down to him. He's mad now and will probably clean up fer the auctioneers. Watch out fer things to happen, bo!'

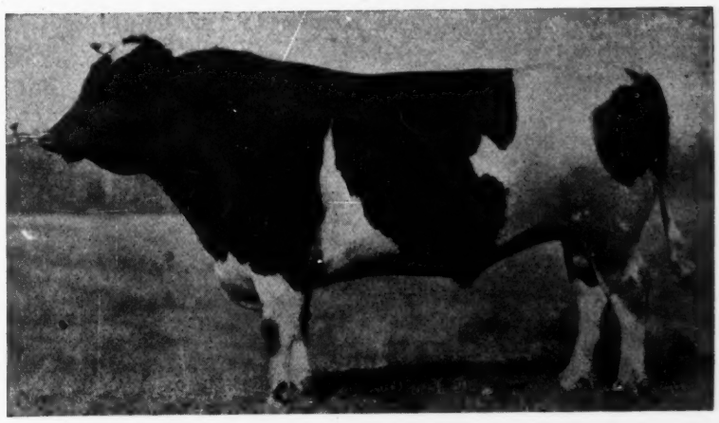
"'But as the strange guy sat there holding out that deed and contract fer me to enter into, a lot of things was made clear to me which wan't clear before. And a hole line of thoughts went through my mind as they do in an instant when you xpect to die the next minute. I recalled how I'd heard that a man couldn't go wrong if he dropped his last copper cent into them black and whites and how they had been responsible fer making plain old fellers like you and me fixed for life. And while I see that Marthy was all in and gradually growing weaker, sez I to myself, 'They think they got ye, Ezry, and I'm swan if they haint, but just the samee, there might be wuss things in the world than owning the best year-old Hulsteen heifer in captivity. I liked her fine without no 'papers' and I aint a-going to back out and git the hee-haw, by gum! I've got ten thousand dollars salted away in the Giltedge Bank of Crosslots Holler and I guess my name won't go begging nowhere. I'll sign the deed, by Christmas, and I'll show my new property at the fair next season and that old fox, Henry Peters, won't git away with his Jersey, fer once.'

"Well, Henry, I did just that, and after some kind ladies there had revived Marthy and I had assured her we had money enough left to git home on, and about three dozen of the foremost breeding men in Americy had come up to congratulate us on our smartness and to offer the services of their bulls at a few thousand a visit, and we had begun to think there was some pretty good folks in the world

Everybody Wants Them

BECAUSE THEY'RE PRODUCERS

The Long Distance Sort



PIETERTJE HENGERVELD SIR KORNDYKE

The Only Sire in the World with Five 18,000-lb. 2-year-old Daughters

His sons are all sold and we have no bulls of serviceable age. We can offer five young bulls from one month to five months of age, sired by K. P. B. A. FEDORA KING, he by a son of King of the Pontiacs from NOVELTY FEDORA HENGERVELD, a daughter of Pietertje Hengerveld Sir Korndyke, with a record of 29.38 pounds of butter in 7 days and 1022 pounds of butter in a year.

The dams are all sired by Lothian King De Kol Korndyke, a son of Pietertje Hengerveld Sir Korndyke and Lothian Maggie De Kol, that held the world's record for two successive years for both milk and butter by her production of 2258 pounds butter from 52,058 pounds milk. The second dams are by a son of King Segis and the third dams are by the great Aaggie 3d's Wayne Paul De Kol.

Two especially choice ones are grandsons of Pietertje Hengerveld Sir Korndyke from three-year-old heifers that have made up to 23.58 lbs. in seven days and 983 lbs. butter in a year.

Two of the calves are evenly marked and the others are dark. They are choicely bred and will be sold very reasonable if taken IMMEDIATELY.

Lothian-Riverode Stock Farm

Alexander Watt NOVELTY, OHIO L. M. Williams

WE WILL SELL TEN FEMALES

FOUR Yearlings
SIX two to eight years old.

All these are either 20-pound cows or out of 20- to 24-pound cows or from A. R. O. daughters of 20- to 24-pound cows.

Also Bull Calves by

AAGGIE CORNUCOPIA JOHANNA LAD 7th

One from a 31-pound cow.
One from a 26.91-pound daughter of a 34-pound cow.
One from a 24.87-pound twin sister to a 35.42-pound four-year-old.
Other ones as good.

Write or come and see them

McKAY BROTHERS Waterloo, Iowa

Our New Herd Sire

King Korndyke Daisy Hengerveld

He is a son of King Korndyke Sadie Vale and his dam is S. V. H. Daisy, a 30.48-lb. daughter of Sir Veeman Hengerveld.

We have a few good cows bred to him for sale and will have some of his sons for sale this fall and winter. Will be glad to tell you just what we have to offer and our guarantee is back of every animal we sell. They must be just as we represent them.

FLOCK BREWING CO.

Williamsport, Pa.

ORMSBY KORNDYKE LAD

Five 30-lb. Daughters All Under Full Age

—

The Bull That Sires Champions

Get One of His Sons Today

HARRY B. DAVIS **Chester, N. Y.**

after all when ye git acquainted—well, to make a long story shorter, we was stepping mighty high by the time the thing was over and mebbe you won't believe me, but I added a couple more to the first purchase just fer good measure. As I told Marthy, it ain't as if we a was on the road to the poorhouse, and I ain't so sure but that investing your wad in thoroughbreds is a sure sign of shrewdness and perspacuity.

"So I'm in the game to stay, Henry, and I ain't lost nothing by my deals yit. I've studied up a leetle on this 'paper' business and I calculate they didn't beat me none at my initiation. I aim to go to every sale now and Marthy is just as crazy about them as I be. We're making money every day since I nodded 'How-de-do' to Haeger and we ain't regretting that mistake fer a minute. There's a tony sale scheduled fer the last of next month in the Pavilion and if you was to go along, I would show you how we breeders do business. Believe me, Henry, this is the life!"

Helen S. K. Willcox.

WEIGHTS OF MILK AND CREAM

Investigations by the United States Department of Agriculture show that the weights of milk and cream containing various amounts of fat are approximately as follows, at a temperature of 68 degrees:

Skimmed milk of a fat content of .025 per cent weighs 8.63 pounds per gallon, while milk which tests 3 per cent butter fat weighs 8.6 pounds per gallon. Milk which tests 3.5 per cent weighs 8.59 pounds per gallon, while 4 per cent milk weighs 8.58 pounds, 5 per cent milk weighs 8.58 pounds, and 6 per cent milk weighs 8.57 pounds per gallon. Mixed milk and cream of a 10 per cent fat content weighs 8.53 pounds, while a similar mixture of 15 per cent fat content weighs 8.47 pounds per gallon. Twenty per cent cream weighs 8.43 pounds, 25 per cent cream weighs 8.39 pounds, 30 per cent cream weighs 8.35 pounds, 35 per cent cream weighs 8.31 pounds, and 40 per cent cream 8.28 pounds to the gallon. For all practical purposes the weight of milk testing from 3 to 5 per cent butter fat may be figured at 8.6 pounds per gallon.—U. S. Dept. of Agriculture.

"De man dat axes you to forgit injuries," said Uncle Eben, "is mos' generally an innocent bystander dat didn't happen to get hit."—Washington Star.

UP-TO-DATE PEDIGREES

We are in a much better position to give prompt service to pedigree work at the same old prices, namely:

4-generation, 3 copies $1.00
5-generation, 3 copies $1.75
Loose-leaf, 3 copies $0.75

Typewritten with ancestors in red.

A pedigree full of facts about your animals. Strictly up-to-date.

If you want a pedigree in a hurry advise us to that fact when you order, giving date you want it and we will get there on time.

SALE CATALOGS

at only $3.00 per page. We will furnish you with 500 copies for your sale, the pedigrees in the catalog will be up-to-date—full of facts and intelligently constructed.

We made over 50 catalogs used at prominent sales during the past fall.

Write for sample catalog and judge our work. Get busy early and arrange for your catalogs—we are never able to furnish all the catalogs desired—don't be disappointed, book your sale early.

BACKUS BROS. PEDIGREE COMPANY **Mexico, New York**

WISCONSIN COWS TO KENTUCKY

F. O. Bible of Chippewa Falls, Wis., was in the vicinity of Fort Atkinson recently and purchased nine cows and two-year-old heifers from Geo. Hetts & Son and Will Sayre.

Three cows purchased from Hetts herd were very fine in breeding and size. Two weighed 1400 lbs. each and one, a 6-year-old weighed 1775 lbs. One cow had a 30-lb. record, one was a daughter of a 30-lb. cow and another had 20 lbs. butter in 7 days.

These cattle were shipped to Lexington, Ky., where Mr. Bible has charge of a 1200-acre farm owned by C. B. Shaffer of Chicago. W. R. Gates.

THE USEFUL MEMBER

My cow she never went to school
To learn to be a mother;
'Eugenics' aint the same to her
It may be to another.
My cow she never read a book
To learn the care of babies;
Doc Holt don't mean the same to her
That he does to the ladies.
And birth control? Don't make me laugh!
She brings her yearly treasure
And lays it at her master's feet
A full and dripping measure.
My cow, she aint just up on style,
Just keeps her cud, to chew it.
And feeds twelve cherubs every day,
Whose mothers couldn't do it.
—Grace E. Purse in the Rural Spirit.

Saved

Little Harold, having climbed to the pinnacle of the roof of a very steep shed, lost his footing and began to slide with terrifying swiftness toward that point where the roof swept gracefully off into space.

"O Lord, save me!" he prayed. "O Lord, save me! O Lord! . . . Never mind, I've caught on a nail."

Rain Song

(With all due apologies to R. L.)
It's never rainin' rain to me,
It's rainin' corn an' oats
An' hay an' other stuff to feed
The horses, cows an' shotes.

EAGLE BAY FARM
The new home of
King Sadie Vale Supreme
whose five nearest dams average 38.56 lbs.
F. A. HOUSE, Supt. Silver Creek, New York

SLAUGHTER!

Not of Bulls but of Prices on Sons of

King Korndyke Pontiac Lass

No. 115585

The only sire in the west with a 44-lb. dam and a 37-lb. daughter. Most of these young bulls are from daughters of Colonel Beets Segis No. 51507, a 30-lb. son of King Segis. They range in age from one month to one year. Write your wants.

IOWA BELLE HERD

C. S. Mulks **Riceville, Ia.**

The Yates Farms

Home of

Rex Pontiac

A son of Spring Farm King Pontiac, from a 31-lb. dam. His first daughter made over 20 lbs. in 7 days at 2 years, and averaged over 60 lbs. milk per day for 30 days. His get are individually wonderful.

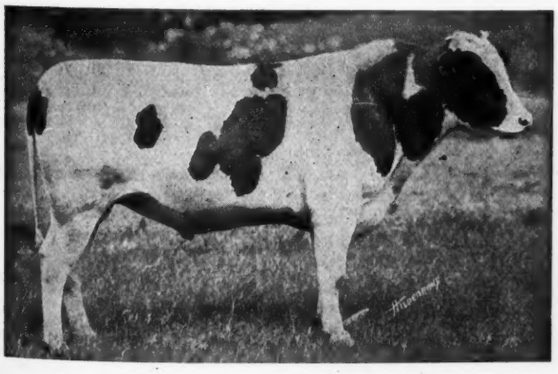
King Valdessa Korndyke

A son of King Pontiac Segis Korndyke, whose 2 nearest dams average nearly 34 lbs. and whose dam is the 38-lb. daughter of the first 40-lb. cow, Valdessa Scott 2d, dam and grandam averaging over 40 lbs. We are breeding the daughters of Rex Pontiac to King Valdessa Korndyke. The result should be desirable. For a bull bred along these lines, address

The Yates Farms

ORCHARD PARK, N. Y.

T. M. ADAMS, Mgr. HARRY YATES, Prop.



King Segis Korndyke Champion

His Two Nearest Dams Average 33.50

He is sired by a son of a 36-lb. cow from the highest record daughter of Lord Netherland De Kol.

We can sell you sons of this bull from good producing high record cows—the sort you will like.

MEADOWVIEW FARMS

W. S. Woodcock, Prop. Edwards, N. Y.

Buyers Opportunities

Here are big opportunities done up in small packages. The Sales Market of unlimited choice. Advertising in this department is accepted at regular rates and subject only to minor restrictions regarding style and typography.

Near White
King Lyons Yearling Bull
$275

Born Dec. 21, 1917. About 7-8th white, deep bodied, straight top lines; weighs about 700 lbs. and fit for regular service.

Sire, a good young son of the great King Lyons (42 A. R. O. daughters—6 from 30 lbs. to 33 lbs, with more coming), out of a 26 lb. 4-year-old daughter of King Colantha Clothilde and the great old 32 lb. foundation cow, Buttercup Clothilde Pietertje (5 A. R. O. daughters, one above 30 lbs.—2 A. R. O. sons).

Dam, is a beautiful large heifer, weighing over 1500 lbs., with a record of 18.76 lbs. at 24 months; she by one of the best sons of Artis De Kol Walker (40 A. R. O. daughters—3 above 30 lbs.)—rich and popular breeding along all lines.

This fellow has style and energy and is of the show type. Shipped subject to approval, $275 f. o. b. here.

Pedigree, Picture and details for all 'cept the postal card curious.

Broadhurst Holstein Farm
Morrisville N. Y. "Which is in Madison County"

New England

Livestock Auctioneer
O. S. PECK
Norwichtown Conn.

FOR SALE

Heifers sired by Glista Pietje, a 32-lb. sire from the Glista family that Cornell has made famous. Age of heifers, one month to one year, nicely marked, straight and well grown. Dams are all sired by 30-lb. bulls. Some have good A. R. O. records. Herd is free of tuberculosis or abortion. Write for prices.

H. T. FULLER Peru, N. Y.

BULL CALVES

FOR QUICK SALE—A few choice young bull calves from a grandson of Hengerveld De Kol and from tested dams. Price $50 to $75.

Chenango Farms Hamilton, N. Y.

---

12 Unbred Yearling Heifers

Finely marked, white predominating. Veeman Pontiac and Korndyke breeding. Also 8 finely marked heifer calves, from a 33-lb. bull, Pontiac and Korndyke dams.

O. B. MOWRY, Mexico, N. Y.

MAPLE LAWN FARMS

Holsteins for sale. Holsteins to buy, whole herds preferred. Can use large numbers of registered bulls, all ages. Headquarters for everything in registered and grade Holsteins all ages. 200 head from which to select.

C. W. ELLIS, JR. Cortland, N. Y.

Are You Watching?

the sons and daughters of the great producing cow

Diona Konigen Pietertje

Her record	37.44
Her daughter's record	40.153
Another daughter at 4 yrs.	35.935
Another daughter at 3 yrs.	27.09
Her son's daughter at 4 yr.	43.52

4 daughters above 30 lbs.

I am offering some beautiful sons of King Champion, another of Diona's sons at reasonable prices. Write just what you want.

DON J. WOOD
West Winfield N. Y.

Cows, Heifers and Bulls

Registered highly bred stock offered very reasonably by

OTTO BRANDENBURG
Waverly, Iowa

$200 for High Class Yearling Bull

Born Nov. 6, 1917, sired by King of the Changelings, a 33-lb. son of King of the Pontiacs. Dam, Clelia Pauline Abbekerk 2d, an A. R. O. daughter of Changeling Butter Boy and 75 per cent the same breeding as Changeling Tidy Abbekerk Wayne the only 44-lb. three-quarter cow. Bull is nicely marked and ready for service.

FRED A. BLEWER
Maplevale Farms Owego, N. Y.

Feeds Direct shipment from manufacturer to you in ton or car lots.

Write to
NEUSTADT & CO.
294 Ninth Ave., New York City

AUCTIONEER

For an auctioneer and one that knows values of both purebred and ordinary livestock, write or wire me early for dates as I sell 95 per cent of all sales in this section of the country.

F. H. HEMBROOK Chetek, Wis.

KING SEGIS PATENT LOCK

Ear Tags, Bull Staff and Rings. Description and prices sent on application. 300,000 of these ear tags have been sold without adverse criticism. 500 of these BullStaffs are used by the best breeders in the country.

© 1 Sears Syracuse

Heifer

Dam—At two years, butter 7 da. 14.12 lbs., milk 291.10 lbs.

Sire's Dam—At three years, butter 7 days 27.02 lbs. Milk 535.90 lbs. His sire's dam is one of three generations of 30-lb. cows.

Born January 5, 1918. Well grown, prettily marked, a very nice individual in every way. $150 delivered, safe arrival guaranteed. Write for pedigree and picture.

Hobart W. Fay
Mason Michigan

Riverside Stock Farm
King Pontiac Boon Lilith 106026

is one of the best sons of King of the Pontiacs. He is also sire of a fine bull born March 27, 1918. Dam of calf is K. H. S. Pontiac 229689 with a record of 26.44 lb. butter from 403.3 lb. milk testing 5.2 per cent fat as a 4-year-old. Calf is nicely marked, straight as an arrow. Send for pedigree and price to

A. W. BROWN & SONS
West Winfield, N. Y.

HOLSTEINS

30 registered heifers bred. 25 registered heifers not bred. 25 registered cows fresh and springers. 20 registered bulls, 30 high grade fresh and springers, 20 stripper cows, 5 2-year-olds, at farmers prices. 7-8 Holstein heifer calves $20 to $25 each express paid in lots of 5 come at once

JOHN C. REAGAN Tully, N. Y.

WESTOVER HERD

Offers for sale a yearling grandson of **Tidy Abbekerk Prince.** Dam is 23.96-lb. daughter of Admiral Gelsche Hamilton, grandam is daughter of Johanna Aaggie 2d's Lad. This is a real bull, ready for service, evenly colored, absolutely straight—tuberculin tested. Crated F. O. B. Sherburne $175.00.

HENRY LATHROP & SONS
Sherburne, N. Y.

$100

Buys a 28.82-lb. bull calf, nicely marked and fine individual.

HAROLD HUBBS
Kirkville, N. Y.

In Service at

GRAHAMHOLM

Sir Winana Beets Segis

Two 30-lb. daughters, one with 35.38 lbs. He is a brother to the sire of the only 50-lb. cow and the only 46-lb. heifer. He is a son of the Great King Segis.

Write us for bulls of this breeding. Address

W. J. BOYNTON, Mgr.
Rochester, Minn.

I Can Save You Money and and Make You Money

if you will breed your cows to our great 27 lb. bull, King Prilly Konigen, son of Diona Konigen Pietertje, or, our son of King Korndyke Sadie Vale from a 30 lb. daughter of Sir Veeman Hengerveld. Both individually perfect. The price is reasonable. Small herds cannot afford to own such good sires.

F. A. TINKER, Salisbury Center, N. Y.

Only One Bull For Sale

And he is a Corker. Sire, a son of a world's record cow, 35.61 lbs. in 7 days; dam, daughter of Aaggie Cornucopia Johanna Lad, with 7, 30-day and yearly records. Averages over 30 lbs. for two nearest dams. Over 16 months old, ready for hard service. Have been holding him at $250. Too much bull not to be heading a herd. Can you use him at $200?

CLOVERDALE FARM
C. S. Lunt, Owner Charlotte, N. Y.

Bulls ! Bulls !

Two grandsons of King Segis Pontiac Alcartra and a 32-lb. cow also a son of Sir Echo Sylvia Pontiac from a daughter of King Segis Alcartra Pontiac. The 20 nearest dams of Sir Echo Sylvia Pontiac average nearly 30-lb.

Calves are light in color and fine individuals.

C. B. MARSHALL
Morrisville New York

NUWAY

Offers for sale an exceptionally well bred calf. Born April 1918, light in color, sired by K. K. S. V. Pontiac whose 6 nearest dams average over 33 lbs. butter in 7 days. Dam's record 20.78 as junior 3-year-old.

Price $250, with all papers, crated, F. O. B.

D. W. MORRIS & SONS
West Winfield, N. Y.

SUDAN GRASS SEED

Northern grown, free from Johnson grass, 20c per lb., bags free, postage, express or freight extra. White Sweet Clover, scarified, 30c. Alfalfa $8.00 per bu. and up. Order early. Supply short. Quality guararanteed satisfactory.

HENRY FIELD
Shenandoah, Iowa

Rag Apple Korndyke

Two sons born October and November light in color, very fine every way. Dams are untested. Also several choicely bred females for sale.

J. G. Kerrick
Tewanda, Pa.

FARM FOR SALE

A fine stock farm of about 180 acres. A portion of the former famous Shadeland Stock Farm of Crawford Co., Pennsylvania. Was inherited by my son, E. Alexander Powell, now in the U. S. service. He has no use for it and will sell at an exceedingly low price.

It is finely located on two important railroads, each with a station within about one-half mile. It is beautifully located with no waste land.

Well watered superior farm land which has been used for pasture, although a fine grain farm with good drainage. Especially desirable for Holstein-Friesian herds, as that breed is very prominent in that section.

Large New England house which needs repairs. Barns at present in poor condition but a large stock barn across street can be rented at a very low figure while repairs are being made.

Price low and terms easy.

This can soon be made one of the finest farms in the county.

It is in my hands for sale.

E. A. POWELL, 805 W. Genesee St., Syracuse, N. Y.

-:- $4.00 -:-

Buys a complete
POCKET HERD REGISTER
100 Sheets Special 5 Ring Leather Cover and Index. Postpaid anywhere in U. S.
Write for prices on
Pedigrees and Sale Catalogs
LIVE STOCK PTG. CO.
La Grange Illinois

TWO FOR $500

Bull ready for service; dam of sire holds world's record for milk and butter, 47 lbs. butter and 801 lbs. milk in seven days. Also two-year-old heifer by a sire who has a 40-lb. and a 32-lb. daughter. Heifer in calf to a 30-lb. grandson of Pontiac Korndyke. Good individuals, nicely marked.

JOHN WHALING & SONS
Carthage, N. Y.

DUTCH CORNER

Sired by Governor Walker Lyons No. 196616. A young bull whose 7 nearest dams average 32 lbs.

Two bull calves born November, 1918. Large, strong-boned, straight and square. One light, from a 25.05 lb. dam, 2d dam 27.5 lb. The other dark, from a 24.72-lb. 3-year-old, 2d dam 25.05 lb. 3d dam 27.5 lb.

Your choice $200.00 express prepaid, satisfaction and safe delivery guaranteed. Send for photo and pedigree.

JOHN J. WALRATH
East Springfield, N. Y.

Will have some very nice Heifers and Bull Calves for sale in the forepart of February from a 31 lb. sire. If interested write

EUGENE LAMUNION
Solsville New York

King Rag Apple Colantha, Rag Apple Korndyke 8th, Colantha Johanna Lad, Sir Veeman Hengerveld are the four nearest sires of Zuyderz Rag Apple Veeman, born Aug. 28, 1918. Dam: A 25 lb. daughter of Sir Veeman Hengerveld. Priced to sell.

L. B. Tayler,
Lake Mills, Wis.,
or
E. H. Smith,
Duluth, Minn.

ZUYDERZ HOLSTEINS

INDIVIDUALLY RIGHT

A SHOW BULL

Sir Veeman Angelique
10 mo. old

One-half white and one of the best you ever saw. He is by a son of Sir Veeman Hengerveld from a daughter of K. K. S. V. His dam is an 18.51-lb. 2-year-old granddaughter of King Korndyke Sadie Vale. Next dam 21-lb. and third dam with 26-lb. He is priced to sell.

P. R. Crothers & Son,
Badger, S. Dak.
F. E. Johnson,
Hetland, S. Dak.

BRED RIGHT

READY FOR SERVICE

Your Opportunity

A good foundation cow 10 years old. A. R. O. 23.29 lbs. butter, 478 lbs. milk. Bred to King Korndyke Sadie Vale Poland. Five nearest dams average 33.48 lbs. butter, 610.56 lbs. milk in 7 days. Due April 16. Milking well yet. Price $210.00 crated, F. O. B.

F. HOWARD JUDD Linden, N. Y.

FOR SALE

2 sons of King Valdessa whose four nearest dams average 25.33 lbs. and 31.36 lbs. respectively. Dams are mother and daughter and each weighed over 1300 lbs. before calving and were not fat. Also one grandson of Judge Segis out of a 21.25 lb. dam. Dam is now on semi-official test and made over 1100 lbs. of milk in October, the 11th month in test. These bulls are straight and fine looking animals and are ready for service. Other bull calves for sale from official and semi-official dams.

ALLIQUIPPA FARM
Newtown Square Pa.

Breed Your Best Cow

to a 42.50 lb. bull. Service fee $100 for living calf. His dam the 42.50-lb. 4-year-old with 715.5 lbs. milk in 7 days. Idleaze Pontiac Lass, daughter of King of the Pontiacs that we sold for $13000 in the National Sale. Send for pedigree. We also have 2 bull calves from 35-lb. sire and 32 and 30-lb. dams at $500 and $350 each.

IDLEAZE FARMS St. Johnsville, N. Y.

ADVERTISE

in the

HOLSTEIN-FRIESIAN WORLD

Dutchland Creamelle Colantha

A yearling son of Dutchland Creamelle Korndyke Lad (the greatest three generation sire) from Dutchland Colantha Denver with 36.16-lb. butter from 702-lb. milk in 7 days and 140-lb. butter from 2822-lb. in a month. Now going over 1300-lb. butter for the year. She the highest record daughter of Colantha Johanna Lad from April Denver, Pontiac Butter Boy's greatest transmitting daughter. No he is not for sale but heads the herd of

WALLACE HOLSTEIN CO. Wallingford, Conn.

R. E. BUELL, Manager

Two Sons of KING MODEL

We have just 2 sons of the great King Model to offer. One is from an 18-lb. granddaughter of Homestead Girl De Kol Sarcastic Lad, the other is from a 24-lb. cow. Bargain prices if sold right soon.

H. PERKINS & SON Red Creek, N. Y.

CAN YOU BEAT IT IN IOWA?

Herd sire, Tall Oaks Pontiac Korndyke—47 per cent of the blood of Pontiac Korndyke; 56.25 per cent same breeding as Pontiac Clothilde De Kol 2d

TALL OAKS FARM *Myron E. Talcott* Randalia, Iowa

BELLEFONT FARMS

Can sell you grandsons of King of the Pontiacs and also of Fairview Korndyke Hengerveld 3d a 39-lb. daughter of Pontiac Korndyke. The calves are from tested dams and range from a few days to serviceable age. We need the room and are selling them from $40 up.

PATTERSON & DICKINSON Bellefontaine, Ohio

HEIFER AND BULL CALVES

Conditions compel us to offer nearly our entire crop of calves both male and female. Many of them sired by a son of King of the Sadie Vales and descendants of K. P. Pontiac Lass on their dam's side. Some of them have yearly record backing. A great opportunity for one wishing to purchase a number of heifer calves all by one sire.

PRICES REASONABLE, BREEDING CONSIDERED
No bulls of service age to offer.

IRVING N. ROE Branchville, N. J.

How Would You Better This Combination?

A son of King Korndyke Sadie Vale Wayne and **Finderne Wayne Pontiac,** a 25.55-lb. junior 2-year-old daughter of Gorden Glen Pontiac, from a 27.02-lb. daughter of Lord Netherland De Kol, and individually one of the finest cows you ever saw.

King Korndyke Sadie Vale Wayne is a son of King Korndyke Sadie Vale, from a 29-lb. daughter of Sir Veeman Hengerveld.

The four nearest dams of this calf average over 30 lbs. butter.

We have other very choice youngsters at reasonable figures.

JABEZ SMITH & SON Newark Valley, N. Y.

AUCTIONEERS

Another World's Record

It has recently been reported among Holstein breeders that the Auctioneer's Long Distance Record is in danger of being set at a new mark. Freshening for his twentieth year of active service in Holstein sales, the record is now being challenged by

B. V. KELLEY
2731 So. Salina St.
Syracuse, New York

AUCTIONEER

A lifetime's experience with Holsteins and selling sales all over the United States and Canada. "That's Us." Perhaps we can make you a Dollar.

R. E. HAEGER
Algonquin Illinois

"He who looks ahead gets ahead"

GEORGE W. BAXTER
Holstein Auctioneer
Elmira, N. Y.
Lock Box 414 Bell Phone 2613-R

WHITE

knows pedigrees, values, individuality and the buyers. His knowledge and services are at your command. Good in Box, Ring or anywhere you put him.

ROY L. WHITE, Woodstock, Ill.

"THINK"
COL. D. L. PERRY
THE HOLSTEIN AUCTIONEER
I also sell satisfaction
COLUMBUS, OHIO

THE HIGH DOLLAR
For Your Holsteins With
J. E. MACK
Ft. Atkinson, Wis.
IN THE BOX

Go Over the Top With Your Holstein Sale
HESS & HAMMOND
AUCTIONEERS
C. M. Hess, Akron, O.
H. C. Hammond, Copley, O.

W. H. KRAUSE
Wisconsin's Live Wire in Holstein Sales
Write for Dates
THORP, WISCONSIN

SEE—
C. Fred Parsons
Experienced Auctioneer
Holsteins
Oswego New York

Another Satisfied Customer

Orchard Grove Farms sold. But we still have a bull calf sired by King Korndyke Maud Veeman, by the great King Korndyke Sadie Vale from Maud Veeman Hengerveld, the first 30-lb. daughter of Sir Veeman Hengerveld. The dam of this young bull is by a son of Spring Farm King Pontiac from a 19-lb. 3-year-old daughter of De Gel 3d Sarcastic Lad. He is nearly white and individually hard to fault. Ready for service by Jan. 1st. We have another bull by our herd sire from a cow that made 19-lb. under adverse conditions. Also 4 young nicely bred females—all priced low for quick sale. Write for prices and extended pedigrees.

WILLIAM W. SHANNON
Carthage, N. Y.

A "Colantha" Bull

Born Feb. 12, 1918. Good individual ¾ white. Sired by one of the best sons of Colantha Johanna Lad from Maple Knoll Snowflake 2d, a senior 3-yr-old with 22.25-lb. butter from 515.8-lb. milk. She by Ormsby Korndyke Lad with five 30-lb daughters.

Maple Knoll Farm

H. D. SEELY Goshen, N. Y.

FOR SALE

My entire herd of registered Holsteins consisting of 27 females. The herd is headed by a son of Spring Farm King Pontiac, a 37-lb. son of King of the Pontiacs.

NORMAN G. ARNOLD
Venice Center, N. Y.

Registered Holstein Females

For Sale. Young cows, right in every way, tuberculin tested, to freshen this fall and early winter. Herd sire, Sir Korndyke Segis Beets 4th, from 27-lb. dam, average per cent fat 4.29. Also daughters of above sire, from one month to two years.

C. E. MOON, R. F. D. 3, Canastota, N. Y.

Up-to-Date

TYPEWRITTEN PEDIGREES

One dollar each.
Sale Catalogs, $2.60 per page.
F. G. JOHNSTON
37 W. Lane Ave. Columbus, Ohio

50 Fresh Cows

AT

Blackburn's Sale

Cuba, Ohio

FEB. 25, 1919

Also:
Twin daughters of a 30-lb. cow by a son of a 32-lb. cow.
Eleven daughters of King Hengerveld Model Fayne from dams up to 27-lbs.
All animals bred to a 36-lb. sire.
As great a lot of Holsteins as ever went into a sale.
Send for catalog.

DR. A. D. BLACKBURN
Cuba, Ohio

I Did Not Say

Sir Pietertje Segis Ormsby is the GREATEST BULL on earth **BUT I DO SAY** I will compare individuality with that of any other bull of his age. Every dam in the first four generations of his breeding has a good 7-day record, and his SEVEN nearest dams have very creditable yearly records, two of which are world's RECORDS. It is the yearly records that give you the true value of a cow. The ABNORMAL 7-day records are misleading, although they look GOOD. His great INDIVIDUALITY backed by his splendid 7-day and YEARLY records are sufficient to qualify him to head the best herd in America.

I WANT TO TELL YOU all about him.

MAPLE AVENUE STOCK FARM
L. E. Connell, Prop. Fayette, Ohio

4.83% Fat

is the average of the fifty nearest female relatives of my herd sire. He is a son of Friend Hengerveld De Kol Butter Boy, from a 30-lb.-1226-lb. daughter of Pontiac Aaggie Korndyke, a son of

Pontiac Korndyke

I am going to place one of his sons in every state in the Union. Beginning with January I will offer one of his sons each month.

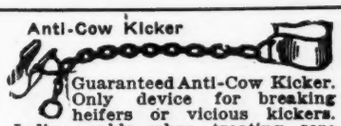
To the Highest Bidder

Contest to close on last day of each month. Send for pedigree and bid just a little higher than the other fellow, as you will be out of the race when there is one placed in your state.

Will accept Liberty Bonds, or a good note.

David Falconer
Scottville, Michigan

Anti-Cow Kicker



Guaranteed Anti-Cow Kicker. Only device for breaking heifers or vicious kickers. Indispensable when treating sore teats or udders. Money refunded if not satisfactory. Parcel Post $1.25.
The Moore Bros. of Albany, N. Y.
149 Hudson Ave.

HERE IS A GOOD ONE

Ready for service, priced right, and will increase in value. His dam is a splendid young daughter of Admiral Gelsche Hamilton (40 A. R. O. daughters). She made 16.25 lb. butter from better than 50 lb. milk per day at just over 2 years. We feel she will double this record as she is a splendid dairy animal. Calf is sired by a 33-lb. son of Sir Johanna Rag Apple De Kol. A handsome individual, little more black than white. Price $250.

ARCHIE REID, JR.
Janesville, Wis.

The Milk War Is Over Who Wins?

You do if you send us $100 for an unusually good bull calf.

Sire—A 31-lb. son of King Korndyke Sadie Vale.

Dam—A 2-year-old daughter of Tidy Abbekerk Prince.

She will be tested at next freshening.

Write for further information so we can tell you more about the splendid ancestors of this calf. They are good ones! Their blood for $100.

HENRY LATHROP & SONS
Sherburne, N. Y.

Here's a Dandy for $150

Bull born Nov. 5th. More black than white, nice individual. Dam of sire has 7-day record of butter 33.71 lbs., milk 723 lbs. 10 months record of butter 1007.76 lbs. milk 21419 lbs. as a 4-year-old.

Dam of calf has record of butter 22.72 lbs., milk 560.6 lbs. Dam, grandam and great grandam of calf average butter 29.54 lbs., milk 677 lbs.

Write for pedigree.

FLOYD G. PIERSON
R. No. 9 Flint, Mich.

Fairlawn Farm Holsteins

Have size combined with show type and good production. Herd sire, Sir Ormsby Korndyke Mechthilde No. 115312. Brother to the sire of Duchess Skylark Ormsby. Bulls 10 mo. and under for sale out of tested dams with records up to 19 lbs. at 2 years. Also junior champion bull at 3 big shows. 2 years old. Write for prices and pedigree.

J. H. CLEVERLEY Maxwell, Iowa

Brabant Farms

Kingston, N. Y.

Breeds the blood of
PONTIAC KORNDYKE
His Son heads this herd.

CALVES FOR SALE
BOTH SEXES

ADVERTISE

Your WANTS and FOR SALES in the

Holstein-Friesian World

THE FIRST TWO TESTED

The first two daughters of Waconda Sir Cornucopia Korndyke 113634 to be tested have made as follows:

No. 1—at 1 year 11 months 6 days, who dropped a calf at 7 months, has a record of 21.67 lbs. butter and 373.7 lbs. milk in 7 days, with 4.64 per cent fat.

No. 2—at 2 years, 2 months, has a record of 17.365 lbs. butter and 338.2 lbs. milk in 7 days, with 4.1 per cent fat.

Owned by DAVID B. H. DALRYMPLE, Otselic, N. Y.

L. D. UPHAM, Lebanon, N. Y. C. S. HOLCOMB, Plymouth, N. Y.

NORTH STAR HERD—State and Federal Accredited

Bull calves by a sire with an average of 32.56 lb. for his two nearest dams, their records being made as 4-year-olds, from dams noted for Family, Form and Fulfilment. I also have some good sons of Johanna Bonheur Champion, brothers therefore to the Grand Champion at the National this year. Write for charts and prices.

W. S. MOSCRIP Lake Elmo, Minn.

RENGEDYKE FARM

EUGENE D. HOFELLER

We can now offer our first bull calves from our young herd sire, TIDY ABBEKERK PRINCE 16th, from high record dams of the most popular breeding. Write for pedigrees and prices.

Farm at Water Valley, N. Y. Business Office Marine Nat'l Bank Bldg., Buffalo, N. Y.

COLLEGE KING SEGIS ALCARTRA, 206680

Herd Sire of U. College Holstein Farm

As an individual he has no superior. As to breeding and pedigree but few equals. His sire the great $50,000 bull. His dam a 35.61-lb. former world's record four-year-old. ONLY THREE BULLS LEFT. From excellent A. R. O. dams. Just coming into service. Conformation and breeding right. If you want one of these you will have to hurry.

Harvey A. Morrison, President — UNION COLLEGE, College View, Neb. — Chas. Williams, Herd Supt.

UNITED STATES DISCIPLINARY BARRACKS, FARM COLONY

REGISTERED HOLSTEIN BULLS

1 to 12 months.

Good, straight, well-marked calves, mostly from A. R. O. dams and excellent sires. Price, $50.00 up. Write for particulars, or come and visit our dairy department and see for yourself.

United States Disciplinary Barracks, Farm Colony
Box G. Fort Leavenworth, Kansas.

SILVER BIRCH HERD HOLSTEINS MEXICO, NEW YORK

BLOOD ROYAL

Watch for his breeding.

F. H. Huetson & Sons Mexico, N. Y.

FOR SALE

A registered Holstein Bull, 10 months old. Ready for service. He is a show bull, large and heavy boned and beautifully and evenly marked. His 14 nearest dams average over 27 lbs. butter in 7 days. Send for pedigree, photo, price and description.

MRS. PETER MILFRIED
Cazenovia, Wis.

TYPEWRITTEN PEDIGREES

Four generations each	50c
One original 2 copies	75c
Five generations each	$1.00
One original 2 copies	1.40

Sale catalogs per page $2.50 for 300 copies.

Individual pedigree blanks. Send name and number of dam and sire where numbers run above 423670 in cows and 230705 in bulls.

JESSE WARD Alden, N. Y.

BULLS

Sired by Sir Johanna Korndyke Fayne from fine large cows weighing from 1200 to 1600 lbs. Many of the dams have A. R. O. records.

A. S. SLINDEE Adams, Minn.

Choice of 30-lb. Twin Bulls For $500

Grandsons of It and Spring Farm Pontiac Cornucopia. Five dams including a 28-mo-old heifer average 33.6 lb. butter in 7 days. Average fat above 4. per cent. They are light colored, nicely marked and straight as soldiers. Nearly ready for service. Photo and pedigrees.

C. W. NEWMAN Wyalusing, Pa.

DR. GEILS Udder Ointment

Has alleviated udder troubles in the herds of a number of breeders; it may solve a great difficulty for you.

The eastern editor of this paper has the original of the letter shown below:

"Dr. Geil, About two years ago—I sent you $5.00 for a remedy to be used for caked udders, or on cows about to be tested. It has lasted until now and I find it a most excellent remedy for all udder troubles where there is inflammation. I enclose check for $5.00, for which please send me that amount of remedy by parcel post."

The writer of the above letter is a well known New York breeder.

Send $5.00 for large can, enough to last for several years in the average herd. It will save its cost on the first case. Your money back if you want it.

DR. N. L. GEIL
BETHEL Ohio

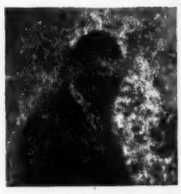
Pure Bred Holstein Cows For Sale

We have a number of nearby springers for sale, well bred and priced right. One or a carload. Write for particulars.

R. V. BACKUS & SONS
Maple View, N. Y.

N. B.—We also make a specialty of purchasing the calves for calf clubs—can make a good proposition to you and obtain the calves of Maximum Quality at a Minimum Price. Communicate with us today.

WHY



There must be a reason why our R. Austin Backus, has been selected to work in the box as pedigree expert at H. A. Moyer's Earlville Sale.

We are filling his schedule with sales every day—don't be disappointed in getting him for your sale—get in communication with us early.

Backus Bros. Pedigree Co.
Mexico, N. Y.

Barns Built

Before letting your contract get my figure. Large buildings desired. Suggestions advanced. Plans and loans furnished. Estimates given. Work done anywhere within 500 miles of Buffalo, N. Y.

Wm. A. Walker
General Contractor
583 West Utica St., Buffalo, N. Y.

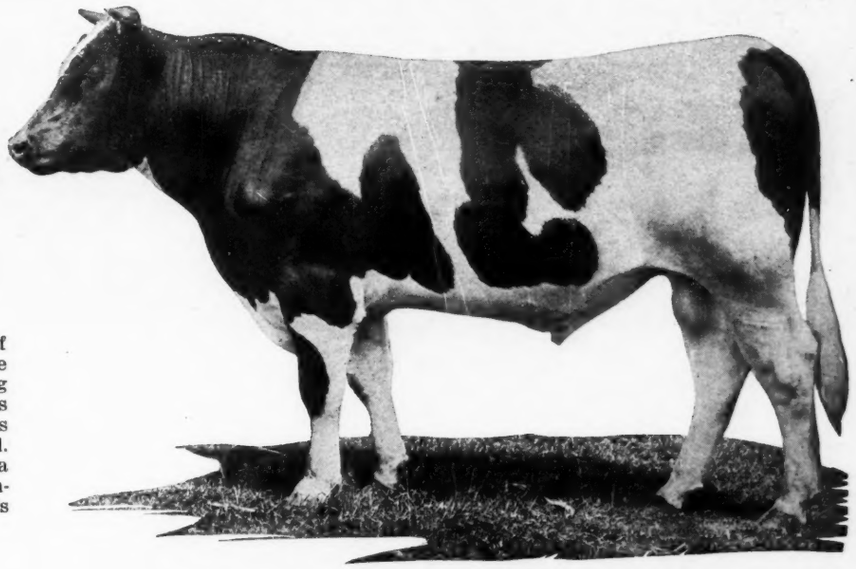
WANTED

Position as herdsman Feb. 1st. Married, American, no booze or tobacco. Eleven years with purebreds. Can furnish references.. State salary and full particulars

Box P., H. F. World

America's Foremost Herd

King Valdessa Pontiac



The bull that because of his rich inheritance of the world's greatest producing blood and because of his faultless individuality was selected to head this herd. A son of King Valdessa and Mabel Segis Korndyke, the former world's champion four-year-old.

Another of Our Foundation Cows

Retta De Kol Maida

Butter	31.42
Milk	710.20
Butter 30 days	122.90
Milk	2924.70
At 5 years 0 months—	
Butter	29.03
Milk	701.20
Butter	117.40
Milk	2976.60

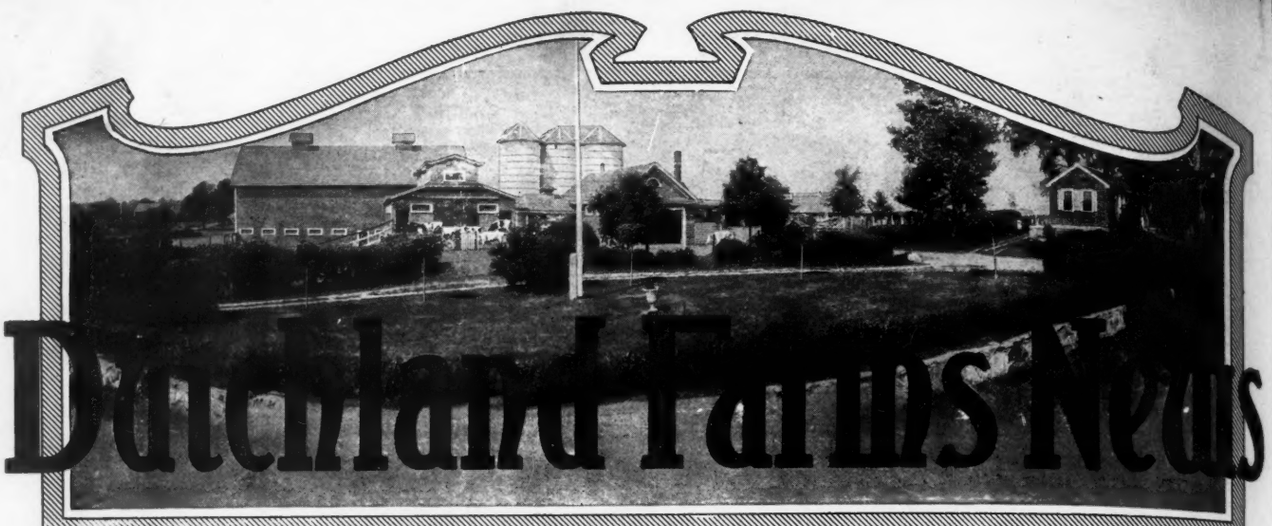
Carefully note the outstanding individuality of this great cow and observe her two records average over 30-lb. butter and also that she has twice made better than 710 lb. milk in 7 days and twice over 2900 lb. in thirty days. In addition to her own records she is the dam of a good record 2-year-old.

She is sired by Oakland Sir Maida, a grandson of Jessie Maida, one of the first 30-lb. daughters of old De Kol Burke.

Her dam at the very advanced age of ten years made over 24.22 lb. butter and has produced one of the very finest cows it has ever been our good fortune to see.

Carefully observe her pleasing conformation, her massive size, wonderful depth of body, evenly balanced udder with teats large and well placed—also the extension of the veining and its size. She is one of the sort we are pleased to bring to Bell Farm for we feel she proves to you more conclusively than words can express the fact we are doing all that is humanly possible to establish a herd that will be a credit to Bell Farm and to the breed as well. We look forward with pleasure to the arrival of her offspring by so great a sire as King Valdessa Pontiac.

BELL HERD John A. Bell, Jr. Owner **Coraopolis, Pa.**



Concerning the Greatest Milk Producing Herd in the World

It's The Delivery That Counts

Regardless of how effectively you are able to place before the buying public the animals that you have to offer it is impossible to build a successful business unless you are able to deliver the goods. It is the words of commendation from satisfied customers that prove the most effective and lasting advertisement.

We feel that when writing an advertisement every animal should be **better than recommended** so that with every sale a new partner has been added thus helping to build a successful business. In the past we have been able to offer some wonderful values—but we have never been in as good a position to offer some real bargains in heifers, bred heifers, and young cows as right now.

If in need of an extra good bull, **buy him young** that you may have your choice in breeding. If you want high class animals, do not neglect to write for our new loose leaf catalog, which gives pedigrees and prices of animals offered.

FRED F. FIELD
DUTCHLAND
MONTELLO STATION

HOLSTEIN CO.
FARMS
BROCKTON MASS.

"THE HOME OF PRODUCING DAMS."